

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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DATA MATRIX

Date: 12/28/2021		EPA Reg. No./File Symbol 87373-91		Page 1 of 67	
Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Tillman, A. (2018) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201818. Unpublished study prepared by Argite, LLC. 200p.	50620101	Argite, LLC	OWN	
830.1550	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201921. Unpublished Study Prepared by Argite, LLC. 47p.	51011901	Argite, LLC	OWN	
830.1550	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/202010. Unpublished study prepared by Argite, LLC. 71p.	51026901	Argite, LLC	OWN	
830.1550	Anderson, B. (2021) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits for ARG Metribuzin Technical. Project Number: 2021.05. Unpublished Study Prepared by Argite, LLC.	51765901	Argite, LLC	OWN	
830.1600	Tillman, A. (2018) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201818. Unpublished study prepared by Argite, LLC. 200p.	50620101	Argite, LLC	OWN	
830.1600	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201921. Unpublished Study Prepared by Argite, LLC. 47p.	51011901	Argite, LLC	OWN	


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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
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830.1600	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/202010. Unpublished study prepared by Argite, LLC. 71p.	51026901	Argite, LLC	OWN	
830.1600	Anderson, B. (2021) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits for ARG Metribuzin Technical. Project Number: 2021.05. Unpublished Study Prepared by Argite, LLC.	51765901	Argite, LLC	OWN	
830.1620	Tillman, A. (2018) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201818. Unpublished study prepared by Argite, LLC. 200p.	50620101	Argite, LLC	OWN	
830.1620	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201921. Unpublished Study Prepared by Argite, LLC. 47p.	51011901	Argite, LLC	OWN	
830.1620	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/202010. Unpublished study prepared by Argite, LLC. 71p.	51026901	Argite, LLC	OWN	
830.1620	Anderson, B. (2021) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits for ARG Metribuzin Technical. Project Number: 2021.05. Unpublished Study Prepared by Argite, LLC.	51765901	Argite, LLC	OWN	
830.1650	Description of the Formulation Process				Not Required ¹

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
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830.1670	Tillman, A. (2018) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201818. Unpublished study prepared by Argite, LLC. 200p.	50620101	Argite, LLC	OWN	
830.1670	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201921. Unpublished Study Prepared by Argite, LLC. 47p.	51011901	Argite, LLC	OWN	
830.1670	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/202010. Unpublished study prepared by Argite, LLC. 71p.	51026901	Argite, LLC	OWN	
830.1670	Anderson, B. (2021) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits for ARG Metribuzin Technical. Project Number: 2021.05. Unpublished Study Prepared by Argite, LLC.	51765901	Argite, LLC	OWN	
830.1700	Wang, Y. (2014) Preliminary Analysis and Enforcement Analytical Method of Metribuzin TGA: Final Report. Project Number: NC/2014/118. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 309p.	50620102	Argite, LLC	OWN	
830.1700	Tomaz, L. (2018) Qualitative and Quantitative Profile of the Test Substance Metribuzin Technical (Five Batch Analysis): Final Report. Project Number: RF/15340/030/054/16, 15340/030/054/16. Unpublished study prepared by Bioagri Laboratorios Ltda. 245p.	50620103	Argite, LLC	OWN	

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830.1700	Li, H. (2013) Preliminary Analysis and Enforcement Analytical Method of Metribuzin TGA1 - Validation of Analytical Methodology for the Assay of Active Ingredient and Related Significant Impurities and Subsequent 5-Batch Analysis of Metribuzin TGA1: Final Report. Project Number: NC/2010/014. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 255p.	50620104	Argite, LLC	OWN	
830.1700	Jayalakshmi, R. (2018) Preliminary Analyses to Determine the Chemical Composition of Five Batches of Metribuzin Technical and Enforcement Analytical Methods for Metribuzin TGA1. Project Number: BIO/ANM/230. Unpublished Study Prepared by Bioneds India Private Limited. 197p.	51011902	Argite, LLC	OWN	
830.1700	Theus, S. (2020) Analysis Report for Toluene Content in Metribuzin Technical. Project Number: ARGITE/01. Unpublished Study Prepared by Analytical & Regulatory Chemistry, Inc. 8p.	51011903	Argite, LLC	OWN	
830.1700	Sathyanarayanan, S. (2016) Analyses of Five Representative Batches of Metribuzin Technical Grade Active Ingredient (TGA1) to Determine Metribuzin Active Ingredient Content and its Associated Impurities. Project Number: GL00592. Unpublished study prepared by Krish Biotech Research Private Limited. 161p.	51026902	Argite, LLC	OWN	
830.1700	Gogineni, M. (2020) Five Batch Analysis Metribuzin Technical. Project Number: G 19795. Unpublished study prepared by Eurofins Advinus Limited. 324p.	51765902	Argite, LLC	OWN	
830.1700	Adya, P. (2021) Determination of Toluene Content in Metribuzin Technical. Project Number: G 23544. Unpublished study prepared by Eurofins Advinus Limited. 103p.	51765903	Argite, LLC	OWN	
830.1750	Tillman, A. (2018) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/201818. Unpublished study prepared by Argite, LLC. 200p.	50620101	Argite, LLC	OWN	

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830.1750	Tillman, A. (2020) ARG Metribuzin Technical: Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits. Project Number: ARG/202010. Unpublished study prepared by Argite, LLC. 71p.	51026901	Argite, LLC	OWN	
830.1750	Anderson, B. (2021) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, and Certified Limits for ARG Metribuzin Technical. Project Number: 2021.05. Unpublished Study Prepared by Argite, LLC.	51765901	Argite, LLC	OWN	
830.1800	Gogineni, M. (2020) Five Batch Analysis Metribuzin Technical. Project Number: G 19795. Unpublished study prepared by Eurofins Advinus Limited. 324p.	51765902	Argite, LLC	OWN	
830.1800	Adya, P. (2021) Determination of Toluene Content in Metribuzin Technical. Project Number: G 23544. Unpublished study prepared by Eurofins Advinus Limited. 103p.	51765903	Argite, LLC	OWN	
830.1800	Wang, Y. (2014) Preliminary Analysis and Enforcement Analytical Method of Metribuzin TGA: Final Report. Project Number: NC/2014/118. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 309p.	50620102	Argite, LLC	OWN	
830.1800	Tomaz, L. (2018) Qualitative and Quantitative Profile of the Test Substance Metribuzin Technical (Five Batch Analysis): Final Report. Project Number: RF/15340/030/054/16, 15340/030/054/16. Unpublished study prepared by Bioagri Laboratorios Ltda. 245p.	50620103	Argite, LLC	OWN	

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830.1800	Li, H. (2013) Preliminary Analysis and Enforcement Analytical Method of Metribuzin TGA1 - Validation of Analytical Methodology for the Assay of Active Ingredient and Related Significant Impurities and Subsequent 5-Batch Analysis of Metribuzin TGA1: Final Report. Project Number: NC/2010/014. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 255p.	50620104	Argite, LLC	OWN	
830.1800	Jayalakshmi, R. (2018) Preliminary Analyses to Determine the Chemical Composition of Five Batches of Metribuzin Technical and Enforcement Analytical Methods for Metribuzin TGA1. Project Number: BIO/ANM/230. Unpublished Study Prepared by Bioneds India Private Limited. 197p.	51011902	Argite, LLC	OWN	
830.1800	Theus, S. (2020) Analysis Report for Toluene Content in Metribuzin Technical. Project Number: ARGITE/01. Unpublished Study Prepared by Analytical & Regulatory Chemistry, Inc. 8p.	51011903	Argite, LLC	OWN	
830.1800	Sathyanarayanan, S. (2016) Analyses of Five Representative Batches of Metribuzin Technical Grade Active Ingredient (TGA1) to Determine Metribuzin Active Ingredient Content and its Associated Impurities. Project Number: GL00592. Unpublished study prepared by Krish Biotech Research Private Limited. 161p.	51026902	Argite, LLC	OWN	
830.6302	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA1: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.6303	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA1: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6304	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.6313	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	Waiver ²
830.6313	Tillman, A. (2018) ARG Metribuzin Technical Physical and Chemical Property Waiver Requests. Project Number: ARG/201819. Unpublished study prepared by ARGITE, LLC. 6p.	50620106	Argite, LLC	OWN	Waiver ²
830.6314	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.6315	Tillman, A. (2018) ARG Metribuzin Technical Physical and Chemical Property Waiver Requests. Project Number: ARG/201819. Unpublished study prepared by ARGITE, LLC. 6p.	50620106	Argite, LLC	OWN	Waiver ³
830.6316	Tillman, A. (2018) ARG Metribuzin Technical Physical and Chemical Property Waiver Requests. Project Number: ARG/201819. Unpublished study prepared by ARGITE, LLC. 6p.	50620106	Argite, LLC	OWN	Waiver ⁴
830.6317	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report.	50620105	Argite, LLC	OWN	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.				
830.6319	Miscibility				Not applicable ⁵
830.6320	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.6321	Dielectric Breakdown Voltage				Not required ⁶
830.7000	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.7050	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.7100	Viscosity				Not applicable ⁷

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830.7200	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.7220	Boiling Point / Boiling Range				Not required ⁸
830.7300	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.7370	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620106	Argite, LLC	OWN / PL	
830.7520	Tillman, A. (2018) ARG Metribuzin Technical Physical and Chemical Property Waiver Requests. Project Number: ARG/201819. Unpublished study prepared by ARGITE, LLC. 6p.	50620106	Argite, LLC	OWN	Waiver ⁹
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				See 830.7570
830.7560	Partition Coefficient (n-octanol/water), Generator Method				See 830.7570
830.7570	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report.	50620105	Argite, LLC	OWN	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.				
830.7840	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
830.7860	Water Solubility: Generator Column Method				See 830.7840
830.7950	Wang, Y. (2014) Chemical and Physical Characterization of Metribuzin TGA: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient, Solubility, Vapor Pressure and Corrosion: Final Report. Project Number: NC/2014/119. Unpublished study prepared by Nutrichem Laboratory Co., Ltd. 105p.	50620105	Argite, LLC	OWN	
835.1230	Daly, D. (1988) Soil Adsorption/Desorption with ¹⁴ C-Sensor: Lab Project Number: #36997. Unpublished study prepared by Analytical Bio-Chemistry Laboratories, Inc. 54 p.	42283001		OLD	See endnote ¹⁰
835.1230	Blumhorst, M.; Halarnkar, P. (1993) Soil Adsorption/Desorption of Metribuzin-DK: Lab Project Number: 122S17: SE182101: 106233. Unpublished study prepared by Bio-Analytical Services, Inc. 58 p.	43058501	Bayer Corp Agriculture Division	OLD	See endnote ¹⁰
835.1230	Blumhorst, M.; Halarnkar, P. (1993) Soil Adsorption/Desorption of Metribuzin-DADK: Lab Project Number: 122S18: SE182102: 106234. Unpublished study prepared by EPL Bio-Analytical Services, Inc. 58 p.	43058502	Bayer Corp Agriculture Division	OLD	See endnote ¹⁰
835.1410	Volatility – Laboratory				Not required
835.2120	Morgan, J. (1986) The Hydrolysis of Sencor-5-[carbon 14]: Mobay Report No. 91764. Unpublished study prepared by Mobay Chemical Corp. 11 p.	00157530	Bayer Corp Agriculture Division	OLD	See endnote ¹¹
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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.2240	Morgan, J. (1986) The Aqueous Photolysis of Sencor-5-[carbon 14]: Mobay Report No. 91763. Unpublished study prepared by Mobay Chemical Corp. 21 p.	00157529	Bayer Corp Agriculture Division	OLD	See endnote ¹²
835.2370	Photodegradation in Air				Not required
835.2410	Morgan, J. (1986) The Photodecomposition of Sencor-5-[Carbon 14] on Soil: Mobay Report No. 91765. Unpublished study prepared by Mobay Chemical Corp. 26 p.	00157531	Bayer Corp Agriculture Division	OLD	See endnote ¹³
835.4100	Detra, R.; Lane, J.; Thyssen, M. (1987) Degradation of Sencor in Aerobic Sandy Loam: Rept. No. 94880. Unpublished study prepared by Mobay Corp. 44 p.	40367602	Bayer Corp Agriculture Division	OLD	See endnote ¹⁴
835.4200	Detra, R.; Thyssen, M. (1987) Degradation of Sencor in Anaerobic Sandy Loam: Rept. No. 94881. Unpublished study prepared by Mobay Corp. 43 p.	40367603	Bayer Corp Agriculture Division	OLD	See endnote ¹⁵
835.4200	Lenz, M. ; Parker, G. (1989) Degradation of Metribuzin in Anaerobic Sandy Loam: Lab Project Number: 99774. Unpublished study prepared by Mobay Corp., Ag. Chem. Div. 45 p.	41555105		OLD	See endnote ¹⁵
835.4300	Spiteller, M. (1993) Aerobic Metabolism of (carbon 14) Metribuzin, Sencor, in an Aquatic Model Ecosystem. Project Number: 3911, M/151/0457/3. Unpublished study prepared by Bayer CropScience LP. 62p.	49234801	Bayer Cropscience LP	PER	See endnote ¹⁶
835.4400	Shrestha, S.; Haddix, J. (2015) [5-14C]Metribuzin: Anaerobic Aquatic Metabolism in One Water/Sediment System. Project Number: MESEN023, M3656, 86005. Unpublished study prepared by Bayer CropScience LP and Agvise Laboratories, Inc. 85p.	49647302	Bayer Cropscience LP	PER	See endnote ¹⁷
835.6100	Delk, J. (1987) Dissipation of Sencor and its Oxidative Metabolites in Field Soil: Laboratory Project ID: SR-8300-87. Unpublished Mobay report no. 95000 prepared by Morse Laboratories Inc. 198 p.	40380901	Bayer Corp Agriculture Division	OLD	See endnote ¹⁸
835.6200	Aquatic Sediment Field Dissipation Study				Not required
835.6300	Forest Field Dissipation Study				Not required
835.6400	Combination and Tank Mixes				Not required


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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.7100	Dyer, D. (2002) Progress Report--July, 2002 FOE 5043 (AXIOM)--Small-Scale Prospective Ground-Water Monitoring Study, Corn in Nebraska, 1995: Lab Project Number: F3212402: 200257. Unpublished study prepared by Bayer Corp. 211 p.	45737901		OLD	See endnote ¹⁹
835.8100	Volatility -- Field				Not required
850.1010	Mayer, F.; Ellersieck, M. (1986) Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. US Fish & Wildlife Service, Resource Publication 160. 579 p.	40098001		OLD	See endnote ²⁰
850.1010	Nelson, D.; Roney, D. (1979) Acute Toxicity of Sencor Technical to Daphnia magna: Report No. 67262. (Unpublished study received Oct 31, 1983 under 3125-277; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:072083-A)	134495 (AC72083)		OLD	See endnote ²⁰
850.1025	Heitmuller, T. (1975) Acute Toxicity of Sencor to Eastern Oysters (Crassostrea virginica), Pink Shrimp (Penaeus duorarum), and Fiddler Crabs (Uca pugilator): (Submitter) 43851. (Unpublished study received Aug 19, 1975 under 3125-294; prepared by Bionomics--EG & G, Inc., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:165011-A)	00106197		OLD	See endnote ²¹
850.1025	Surprenant, D. (1986) Acute Toxicity of Sencor to Eastern Oysters (Crassostrea virginica): Study No. 274-1285-6105-504: Report No. BW-86-02-1941. Unpublished study prepared by Springborn Bionomics, Inc. 21 p.	00161502		OLD	See endnote ²¹
850.1025	Nicholson, R.; Surprenant, D. (1986) Acute Toxicity of Sencor to Sheepshead Minnow (Cyprinodon variegatus): Study No. 274-1285-6105-500: Report No. BW-86-2-1942. Unpublished study prepared by Springborn Bionomics, Inc. 20 p.	00161503		OLD	See endnote ²¹
850.1025	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Eastern Oysters (Crassostrea virginica): Lab Project Number: 274-1285-6105-504: 91755-1. Unpublished study prepared by Springborn Bionomics, Inc. 11 p.	42094501		OLD	See endnote ²¹

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1025	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Sheepshead Minnow (<i>Cyprindon variegatus</i>): Lab Project Number: 274-1285-6105-500: 91756-1. Unpublished study prepared by Springborn Bionomics, Inc. 13 p.	42094502		OLD	See endnote ²¹
850.1035	Heitmuller, T. (1975) Acute Toxicity of Sencor to Eastern Oysters (<i>Crassostrea virginica</i>), Pink Shrimp (<i>Penaeus duorarum</i>), and Fiddler Crabs (<i>Uca pugilator</i>): (Submitter) 43851. (Unpublished study received Aug 19, 1975 under 3125-294; prepared by Bionomics--EG & G, Inc., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:165011-A)	00106197		OLD	See endnote ²¹
850.1035	Surprenant, D. (1986) Acute Toxicity of Sencor to Eastern Oysters (<i>Crassostrea virginica</i>): Study No. 274-1285-6105-504: Report No. BW-86-02-1941. Unpublished study prepared by Springborn Bio- nomics, Inc. 21 p.	00161502		OLD	See endnote ²¹
850.1035	Nicholson, R.; Surprenant, D. (1986) Acute Toxicity of Sencor to Sheepshead Minnow (<i>Cyprinodon variegatus</i>): Study No. 274-1285-6105-500: Report No. BW-86-2-1942. Unpublished study prepared by Springborn Bionomics, Inc. 20 p.	00161503		OLD	See endnote ²¹
850.1035	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Eastern Oysters (<i>Crassostrea virginica</i>): Lab Project Number: 274-1285-6105-504: 91755-1. Unpublished study prepared by Springborn Bionomics, Inc. 11 p.	42094501		OLD	See endnote ²¹
850.1035	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Sheepshead Minnow (<i>Cyprindon variegatus</i>): Lab Project Number: 274-1285-6105-500: 91756-1. Unpublished study prepared by Springborn Bionomics, Inc. 13 p.	42094502		OLD	See endnote ²¹
850.1045	Heitmuller, T. (1975) Acute Toxicity of Sencor to Eastern Oysters (<i>Crassostrea virginica</i>), Pink Shrimp (<i>Penaeus duorarum</i>), and Fiddler Crabs (<i>Uca pugilator</i>): (Submitter) 43851. (Unpublished study received Aug 19, 1975 under 3125-294; prepared by Bionomics--EG & G, Inc., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:165011-A)	00106197		OLD	See endnote ²¹

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1045	Surprenant, D. (1986) Acute Toxicity of Sencor to Eastern Oysters (Crassostrea virginica): Study No. 274-1285-6105-504: Report No. BW-86-02-1941. Unpublished study prepared by Springborn Bio- nomics, Inc. 21 p.	00161502		OLD	See endnote ²¹
850.1045	Nicholson, R.; Surprenant, D. (1986) Acute Toxicity of Sencor to Sheepshead Minnow (Cyprinodon variegatus): Study No. 274-1285-6105-500: Report No. BW-86-2-1942. Unpublished study prepared by Springborn Bionomics, Inc. 20 p.	00161503		OLD	See endnote ²¹
850.1045	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Eastern Oysters (Crassostrea virginica): Lab Project Number: 274-1285-6105-504: 91755-1. Unpublished study prepared by Springborn Bionomics, Inc. 11 p.	42094501		OLD	See endnote ²¹
850.1045	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Sheepshead Minnow (Cyprindon variegatus): Lab Project Number: 274-1285-6105-500: 91756-1. Unpublished study prepared by Springborn Bionomics, Inc. 13 p.	42094502		OLD	See endnote ²¹
850.1055	Heitmuller, T. (1975) Acute Toxicity of Sencor to Eastern Oysters (Crassostrea virginica), Pink Shrimp (Penaeus duorarum), and Fiddler Crabs (Uca pugilator): (Submitter) 43851. (Unpublished study received Aug 19, 1975 under 3125-294; prepared by Bionomics--EG & G, Inc., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:165011-A)	00106197		OLD	See endnote ²¹
850.1055	Surprenant, D. (1986) Acute Toxicity of Sencor to Eastern Oysters (Crassostrea virginica): Study No. 274-1285-6105-504: Report No. BW-86-02-1941. Unpublished study prepared by Springborn Bio- nomics, Inc. 21 p.	00161502		OLD	See endnote ²¹
850.1055	Nicholson, R.; Surprenant, D. (1986) Acute Toxicity of Sencor to Sheepshead Minnow (Cyprinodon variegatus): Study No. 274-1285-6105-500: Report No. BW-86-2-1942. Unpublished study prepared by Springborn Bionomics, Inc. 20 p.	00161503		OLD	See endnote ²¹

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850.1055	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Eastern Oysters (<i>Crassostrea virginica</i>): Lab Project Number: 274-1285-6105-504: 91755-1. Unpublished study prepared by Springborn Bionomics, Inc. 11 p.	42094501		OLD	See endnote ²¹
850.1055	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Sheepshead Minnow (<i>Cyprinodon variegatus</i>): Lab Project Number: 274-1285-6105-500: 91756-1. Unpublished study prepared by Springborn Bionomics, Inc. 13 p.	42094502		OLD	See endnote ²¹
850.1075	McCann, J.A. (1972) ?Sencor 70% WP: Rainbow Trout (?~Salmo gaird~?- ?~neri?~): Test No. 462. (U.S. Agricultural Research Service, Pesticides Regulation Div., Animal Biology Laboratory; unpublished study; CDL:130267-A)	00090427		OLD	See endnote ²²
850.1075	Heitmuller, T. (1975) Acute Toxicity of Sencor to Eastern Oysters (<i>Crassostrea virginica</i>), Pink Shrimp (<i>Penaeus duorarum</i>), and Fiddler Crabs (<i>Uca pugilator</i>): (Submitter) 43851. (Unpublished study received Aug 19, 1975 under 3125-294; prepared by Bionomics--EG & G, Inc., submitted by Mobay Chemical Corp., Kansas City, MO; CDL:165011-A)	00106197		OLD	See endnote ²¹
850.1075	Surprenant, D. (1986) Acute Toxicity of Sencor to Eastern Oysters (<i>Crassostrea virginica</i>): Study No. 274-1285-6105-504: Report No. BW-86-02-1941. Unpublished study prepared by Springborn Bio- nomics, Inc. 21 p.	00161502		OLD	See endnote ²¹
850.1075	Nicholson, R.; Surprenant, D. (1986) Acute Toxicity of Sencor to Sheepshead Minnow (<i>Cyprinodon variegatus</i>): Study No. 274-1285-6105-500: Report No. BW-86-2-1942. Unpublished study prepared by Springborn Bionomics, Inc. 20 p.	00161503		OLD	See endnote ²¹
850.1075	Mayer, F.; Ellersieck, M. (1986) Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. US Fish & Wildlife Service, Resource Publication 160. 579 p.	40098001		OLD	See endnote ²²

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850.1075	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Eastern Oysters (Crassostrea virginica): Lab Project Number: 274-1285-6105-504: 91755-1. Unpublished study prepared by Springborn Bionomics, Inc. 11 p.	42094501		OLD	See endnote ²¹
850.1075	Gagliano, G. (1991) Raw Data Supplement for Acute Toxicity of Sencor Technical to Sheepshead Minnow (Cyprindon variegatus): Lab Project Number: 274-1285-6105-500: 91756-1. Unpublished study prepared by Springborn Bionomics, Inc. 13 p.	42094502		OLD	See endnote ²¹
850.1075	Mobay Chemical Corp. (1972) Sencor: The Effects on the Environment. (Compilation; unpublished study received May 31, 1972 under 2F1274; CDL:094868-A; 094869)	00106172 (AC255025)		OLD	See endnote ²²
850.1300	Gagliano, G.; Bowers, L. (1992) Chronic Toxicity of Sencor Technical to the Waterflea (Daphnia magna) under Flow-through Conditions: Lab Project Number: 103248: SE840701. Unpublished study prepared by Miles, Inc. 75 p.	42447802		OLD	See endnote ²³
850.1300	Gagliano, G.; Bowers, L. (1993) Chronic Toxicity of Sencor Technical to the Waterflea (Daphnia magna) Under Flow-Through Conditions: Lab Project Number: SE840702: 105023. Unpublished study prepared by Miles Inc. 60 p.	42731201	Bayer Corp Agriculture Division	OLD	See endnote ²³
850.1300	Heimbach, F. (1993) Influence of DADK (Metabolite of Metribuzin) on the Reproduction Rate of Water Fleas: Lab Project Number: E 321 0676-05: HBF/RDM 45: 105035. Unpublished study prepared by Bayer AG Crop Protection Research. 31 p.	42732501	Bayer Corp Agriculture Division	OLD	See endnote ²³
850.1350	Aquatic Invertebrate Life Cycle (Saltwater)				Not required ²⁴
850.1400	Gagliano, G.; Roney, D. (1992) Early Life Stage Toxicity of Sencor Technical to the Rainbow Trout (Oncorhynchus mykiss) under Flow-through Conditions: Lab Project Number: 103249: SE842201. Unpublished study prepared by Miles, Inc. 87 p.	42447801		OLD	See endnote ²⁵
850.1400	Fish Early Life Stage (Saltwater)				See endnote ²⁶
850.1500	Life Cycle Fish				Not required

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850.1710	Aquatic Organisms Bioavailability, Biomagnification, Toxicity				Not required ²⁷
850.1730	Aquatic Organisms Bioavailability, Biomagnification, Toxicity				Not required ²⁷
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
N/A	Whole Sediment: Chronic Invertebrates Freshwater and Marine				Not required
850.1850	Aquatic Organisms Bioavailability, Biomagnification, Toxicity				Not required ²⁷
850.1950	Simulated or Actual Field Testing for Aquatic Organisms				Not required
850.2100	Christ, M.; Loveall, J. (2015) Toxicity of Metribuzin Technical During an Acute Oral LD50 with the Canary (Serinus canaria): Final Report. Project Number: EBSEN022, 044SRLS14C08, M/521408/01/1. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 80p.	49647303	Bayer Cropscience LP	PER	See endnote ²⁸
850.2100	Lamb, D.; Jones, R. (1972) Acute Oral Toxicity of Sencor Technical to Bob White Quail and Mallard Ducks: Mobay Report No. 33172. Unpublished study prepared by Mobay Chemical Corp. 6 p.	00145911 (AC255025)	Bayer Corp Agriculture Division	OLD	See endnote ²⁸
850.2200	Lamb, D.W.; Burke, M.A. (1977) Dietary Toxicity of ~(R)Sencor Technical to Bobwhite Quail and Mallard Ducks: Report No. 51593. (Unpublished study received Apr 13, 1977 under 3125-270; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:229312-A)	00065507	Bayer Corp Agriculture Division	OLD	See endnote ²⁹
850.2200	Stubblefield, W. (1986) Subacute Dietary LC50 of Technical Metribuzin (Sencor) to Bobwhite Quail: Study No. 86-175-01: Mobay Report No. 91757. Unpublished study prepared by Mobay Chemical Corp. 24p.	00157528 (AC262228)	Bayer Corp Agriculture Division	OLD	See endnote ²⁹
850.2300	Hancock, G. (1995) Effect of Technical SENCOR on Mallard Reproduction: Lab Project Number: SE740801: 106983. Unpublished study prepared by Bayer Corp. 107 p.	43860501	Bayer Corp Agriculture Division	OLD	See endnote ³⁰
850.2300	Hancock, G. (1996) Effect of Technical SENCOR on Northern Bobwhite Reproduction: Lab Project Number: SE741701: 106984. Unpublished study prepared by Bayer Corp. 110 p.	43926601	Bayer Corp Agriculture Division	OLD	See endnote ³⁰

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Date: 12/28/2021		EPA Reg. No./File Symbol 87373-91		Page 18 of 67	
Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513			Product ARG METRIBUZIN TECHNICAL		
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2300	Loveall, J.; Christ, M.; Moore, S. (2015) Toxicity of Metribuzin Technical in the Reproduction of the Northern Bobwhite Quail (Colinus virginianus): Final Report. Project Number: 044SRLS14C07. Unpublished study prepared by SynTech Research Laboratory Services, LLC. 171p.	49724501	Bayer Cropscience LP	PER	See endnote ³⁰
850.2400	Wild Mammal Toxicity				Not required / See 870 series
850.2500	Simulated or Actual Field Testing				Not required
850.3020	Honey Bee Acute Contact Toxicity	AC28772		OLD	See endnote ³¹
850.3040	Field Testing for Pollinators				Reserved
850.4025	Target Area Phytotoxicity				Not required
850.4100 Tiers 1 & 2	Burge, C. (1992) Tier 2 Seed Germination, Seed Emergence, and Seedling Vigor Nontarget Phytotoxicity Study Using Metribuzin: Lab Project Number: 103800: SE201601. Unpublished study prepared by Miles, Inc. 90 p.	42447803		OLD	See endnote ³²
850.4100 Tiers 1 & 2	Johns, C. (1994) Tier 2 Seed Germination and Seed Emergence Nontarget Phytotoxicity Study Using Metribuzin: Lab Project Number: SE201602: 106568. Unpublished study prepared by Miles Inc. 44 p.	43208301	Bayer Corp Agriculture Division	OLD	See endnote ³²
850.4150 Tiers 1 & 2	Burge, C. (1992) Tier 2 Seed Germination, Seed Emergence, and Seedling Vigor Nontarget Phytotoxicity Study Using Metribuzin: Lab Project Number: 103800: SE201601. Unpublished study prepared by Miles, Inc. 90 p.	42447803		OLD	See endnote ³³
850.4300	Terrestrial Field				Not required
850.4400 Tiers 1 & 2	Gagliano, G.; Orr, W. (1994) Acute Toxicity of SENCOR Technical to the Green Alga (Selenastrum capricornutum): Lab Project Number: SE881402. Unpublished study prepared by Miles, Inc. Sponsor report number: 106417. 33 p.	43133601	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4400 Tiers 1 & 2	Bowers, L. (1995) Acute Toxicity of (carbon 14)-Sencor to the Freshwater Diatom (Navicula pelliculosa): Lab Project Number: 106975: SE881601. Unpublished study prepared by Bayer Corp. 33 p.	43826101	Bayer Corp Agriculture Division	OLD	See endnote ³⁴

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4400 Tiers 1 & 2	Bowers, L. (1995) Toxicity of (carbon 14)-Sencor to the Marine Diatom, Skeletonema costatum: Lab Project Number: SE881602: 106992. Unpublished study prepared by Bayer Corp. 34 p.	43867701	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4400 Tiers 1 & 2	Boeri, R.; Magazu, J.; Ward, T. (1995) Toxicity of Sencor to the Duckweed, Lemna gibba G3: (Amended Report): Lab Project Number: 667-MI: 106982. Unpublished study prepared by T. R. Wilbury Labs, Inc. 32 p.	43893501	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4400 Tiers 1 & 2	Boeri, R.; Magazu, J.; Ward, T. (1995) Toxicity of Sencor to the Freshwater Alga, Anabaena flos-aquae: (Amended Report): Lab Project Number: 666-MI: 106974. Unpublished study prepared by T. R. Wilbury Labs, Inc. 31 p.	43893502	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4400 Tiers 1 & 2	Bowers, L. (1996) Toxicity of (carbon 14)-Sencor to the Green Alga Selenastrum capricornutum: Lab Project Number: 107142: SE883501. Unpublished study prepared by Bayer Corp. 32 p.	43921001	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4400 Tiers 1 & 2	Fairchild, J.; Ruessler, D.; Haverland, P. et al. (1996) Comparative Sensitivity of Selenastrum capricornutum and Lemna minor to Sixteen Herbicides. Archives of Environmental Contamination and Toxicology 32:353-357.	45088212		OLD	See endnote ³⁴
850.4450	Aquatic Field				Not required
850.4500 Tiers 1 & 2	Gagliano, G.; Orr, W. (1994) Acute Toxicity of SENCOR Technical to the Green Alga (Selenastrum capricornutum): Lab Project Number: SE881402. Unpublished study prepared by Miles, Inc. Sponsor report number: 106417. 33 p.	43133601	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4500 Tiers 1 & 2	Bowers, L. (1995) Acute Toxicity of (carbon 14)-Sencor to the Freshwater Diatom (Navicula pelliculosa): Lab Project Number: 106975: SE881601. Unpublished study prepared by Bayer Corp. 33 p.	43826101	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4500 Tiers 1 & 2	Bowers, L. (1995) Toxicity of (carbon 14)-Sencor to the Marine Diatom, Skeletonema costatum: Lab Project Number: SE881602: 106992. Unpublished study prepared by Bayer Corp. 34 p.	43867701	Bayer Corp Agriculture Division	OLD	See endnote ³⁴

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4500 Tiers 1 & 2	Boeri, R.; Magazu, J.; Ward, T. (1995) Toxicity of Sencor to the Duckweed, Lemna gibba G3: (Amended Report): Lab Project Number: 667-MI: 106982. Unpublished study prepared by T. R. Wilbury Labs, Inc. 32 p.	43893501	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4500 Tiers 1 & 2	Boeri, R.; Magazu, J.; Ward, T. (1995) Toxicity of Sencor to the Freshwater Alga, Anabaena flos-aquae: (Amended Report): Lab Project Number: 666-MI: 106974. Unpublished study prepared by T. R. Wilbury Labs, Inc. 31 p.	43893502	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4500 Tiers 1 & 2	Bowers, L. (1996) Toxicity of (carbon 14)-Sencor to the Green Alga Selenastrum capricornutum: Lab Project Number: 107142: SE883501. Unpublished study prepared by Bayer Corp. 32 p.	43921001	Bayer Corp Agriculture Division	OLD	See endnote ³⁴
850.4500 Tiers 1 & 2	Fairchild, J.; Ruessler, D.; Haverland, P. et al. (1996) Comparative Sensitivity of Selenastrum capricornutum and Lemna minor to Sixteen Herbicides. Archives of Environmental Contamination and Toxicology 32:353-357.	45088212		OLD	See endnote ³⁴
850.4550	Cyanobacteria Toxicity				See 850.4400, 850.4500
850.6100	Rutt, D.; Li, F. (2015) Independent Laboratory Validation of Bayer Method SE-001-S15-01: An Analytical Method for the Determination of Residues of Metribuzin and its Metabolites Metribuzin DADK (AE F149970), Metribuzin DK (AE 1344183) and Metribuzin DA (AE B142111) in Soil and Water Using LC/MS/MS: Final Report. Project Number: MESEN024, 15/CPS/009, M/522810/01/1. Unpublished study prepared by Critical Path Services, LLC (CPS). 212p.	49647301	Bayer Cropscience LP	PER	See endnote ³⁵
850.6100	Williams, J. (2015) An Analytical Method for the Determination of Residues of Metribuzin and its metabolites Metribuzin DADK (AE F149970), Metribuzin DK (AE 1344183) and Metribuzin DA (AE B142111) in Soil and Water Using LC/MS/MS. Project Number: SE/001/S15/02, M/547581/01/1,. Unpublished study prepared by Bayer CropScience LP. 41p.	49846001	Bayer Cropscience LP	PER	See endnote ³⁵

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1300	Hilton, H.W.; Nomura, N.S.; Kameda, S.S.; et al. (1976) Some pat- terns of herbicide and growth regulator intake, persistence, and distribution in sugarcane. Archives of Environmental Contamination and Toxicology 4(4):385-394. (Also~In~unpublished submission received Jul 19, 1978 under 201-403; submitted by Shell Chemical Co., Washington, D.C.; CDL:234470-AP)	00024737	Bayer Corp Agriculture Division	OLD	sugarcane
860.1300	Murphy, J.J.; Jacobs, K.; Lamb, D.W. (1974) The Metabolism of Sencor in a Dairy Cow: Report No. 40708. (Unpublished study received Oct 10, 1974 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:095130-B)	00036105		OLD	Livestock
860.1300	Bell, R.L.; Murphy, J.J. (1974) The Metabolism of Sencor in Chickens: Report No. 40712. Rev. (Unpublished study received Oct 10, 1974 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:095130-C)	00036106		OLD	Livestock
860.1300	Shaw, H.R., II; Murphy, J.J. (1974) The Metabolic Fate of ?5-14C Sencor in Pigs: Report No. 40768. (Unpublished study received Oct 10, 1974 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:095130-D)	00036107		OLD	Livestock
860.1300	Simmons, C.E.; Gronberg, R.R. (1974) The Fate of Carbon-14-Labeled Sencor in Potatoes Processed by Pan or French Frying: Report No. 42452. (Unpublished study received on unknown date under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:095987-D)	00036112		OLD	potato
860.1300	Morgan, J.G. (1972) Preliminary Studies on the Metabolism of Sencor in Tomatoes: Report No. 35013. (Unpublished study received Sep 27, 1973 under 4F1432; submitted by Chemagro Corp., Kansas City, Mo.; CDL:095519-F)	00036219		OLD	tomato
860.1300	Morgan, J.G. (1973) Metabolism of Sencor in Tomatoes: Report No. 35969. (Unpublished study received Sep 27, 1973 under 4F1432; submitted by Chemagro Corp., Kansas City, Mo.; CDL: 095519-G)	00036220		OLD	tomato


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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1300	Robinson, R.A.; Gronberg, R.R.; Shaw, H.R., II (1970) Bay 94337 Metabolism in Plants: Report No. 26,175. Rev. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-C)	00045257		OLD	soybean
860.1300	Gronberg, R.R.; Flint, D.R.; Shaw, H.R.; et al. (1971) The Metabolism of Sencor (Bay 94337) in Soybean Plants: Report No. 29800. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-D)	00045258		OLD	soybean
860.1300	Church, D.D.; Flint, D.R. (1973) The Metabolism of Sencor in Pota- toes: Report No. 32047. Rev. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-F)	00045260		OLD	potato
860.1300	Morgan, J.G.; Flint, D.R. (1972) Sencor Residues in Chicken Eggs and Tissue: Report No. 33226. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-H)	00045262		OLD	Livestock
860.1300	Flint, D.R.; Shaw, H.R., II (1972) Residues in Tissue and Milk from Goats Treated Daily with Sencor-14C in the Diet: Report No. 33255. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-I)	00045263		OLD	Livestock
860.1300	Morgan, J.G. (1974) The Metabolism of Sencor in Seedling Potatoes: Report No. 40564. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo., CDL:094870-C)	00045275		OLD	potato
860.1300	Stanley, C.W.; Flint, D.R. (1974) The Metabolism of Sencor in Alfalfa: Report No. 40853. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094870-I)	00045278		OLD	alfalfa
860.1300	Hargroder, T.G.; Rogers, R.L. (1974) Behavior and fate of Metribuzin in soybean and hemp sesbania. Weed Science 22(3):238-245.	00045279		OLD	soybean hemp sesbania


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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	(Also~In~unpublished submission received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094870-J)				
860.1300	Schumacher, R.W. (1974) Metabolism of Metribuzin in Soybeans and Soil: Report No. 40865. Doctoral dissertation, Univ. of Kentucky. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 094870-K)	00045280		OLD	soybean
860.1300	Mobay Chemical Corp. (1973) Sencor: Metabolic, Analytical, and Residue Information for Sugarcane (Hawaii). (Compilation; unpublished study received Mar 30, 1973 under 4F1432; CDL: 093822-A; 093820)	00106168		OLD	sugarcane
860.1300	Christopher, R.; Muller, S. (1986) Distribution and Metabolism of Sencor in Lactating Goat: Revised: Lab Project Number: SE-4-G: 94233. Unpublished study prepared by Mobay Corp. 67 p.	42598201	Bayer Corp Agriculture Division	OLD	Livestock
860.1300	Christopher, R.; Muller, S. (1986) Distribution and Metabolism of Sencor in Laying Hens: Lab Project Number: SE-4-P: 94234. Unpublished study prepared by Mobay Corp. 62 p.	42598202	Bayer Corp Agriculture Division	OLD	Livestock
860.1300	Morgan, J. (1993) Addendum 2: Characterization of Metribuzin Metabolites in Wheat Grain Aqueous Phase Reply to EPA Review. Lab Project Number: SE041601. Unpublished study prepared by Miles Inc. Research & Development Dept. 7 p.	42903601	Bayer Corp Agriculture Division	OLD	wheat
860.1300	Lenz, M.; Marlow, V.; Fig, P.; et al. (1993) Characterization for Two Metabolites of (carbon 14)-Metribuzin in Soybeans: Lab Project Number: 94593-1: SE041602. Unpublished study prepared by Miles Inc. 23 p.	42967901	Bayer Corp Agriculture Division	OLD	soybean
860.1300	Chopade, H. (1997) Metabolism of (5-(carbon 13)/(carbon 14)) Metribuzin in Corn: Lab Project Number: SE41603: 107902. Unpublished study prepared by Bayer Corporation. 141 p. {860.1300}	44594101	Bayer Corp Agriculture Division	OLD	corn
860.1300	Chopade, H. (1997) Metabolism of (5-(carbon-13)/(carbon-14)) Metribuzin in Corn: Lab Project Number: SE041603: 107902. Unpublished study prepared by Bayer Corp. 141 p. {OPPTS 860.1300}	44833208	Bayer Corp Agriculture Division	OLD	corn

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1300	Bosnak, L.; Krolski, M. (1997) The Metabolism of (Fluorophenyl-UL- (carbon-14) FOE 5043 in Wheat After Postemergent Foliar Spray Application: Lab Project Number: F3041608: 107399. Unpublished study prepared by Bayer Corp. 112 p. {OPPTS 860.1300}	45012403		OLD	wheat
860.1300	Bosnak, L.; Krolski, M. (1998) The Metabolism of (Fluorophenyl-UL- (carbon-14) FOE 5043 in Corn After Postemergent Foliar Spray Application: Lab Project Number: F3041606: 108497. Unpublished study prepared by Bayer Corp. 96 p. {OPPTS 860.1300}	45012404		OLD	corn
860.1340	Analytical Biochemistry Laboratories (1976) Recovery of Sencor and Metabolites from Soybeans: Report No. 51072. (Unpublished study received Jan 19, 1977 under 100-583; prepared for Mobay Chemical Corp., submitted by Ciba-Geigy Corp., Greensboro, N.C.; CDL: 095747-W)	00015412		OLD	soybean
860.1340	Thornton, J.S. (1974) A Modified Gas Chromatographic Method for the Determination of Sencor and Its Deaminated Diketo Metabolite in Soybeans: Report No. 42232. Method dated Dec 4, 1974. (Unpublished study received Jan 19, 1977 under 100-583; prepared by Mobay Chemical Corp., submitted by Ciba-Geigy Corp., Greensboro, N.C.; CDL:095748-V)	00015414	Bayer Corp Agriculture Division	OLD	soybean
860.1340	Thornton, J.S.; Schumann, S.A.; Boughton, P.J.; et al. (1974) A Gas Chromatographic Method for the Determination of Sencor and Its Deaminated Diketo Metabolite in Soybeans. Rev. Method no. 30387 dated Apr 11, 1972. (Unpublished study received Dec 21, 1974 under 5G1580; prepared by Baychem Corp., submitted by American Cyanamid Co., Princeton, N.J.; CDL:094331-J)	00029800		OLD	soybean
860.1340	Stanley, C.W.; Thornton, J.S. (1972) A Gas Chromatographic Method for the Determination of Sencor and Metabolites in Sugarcane and Products: Report No. 35115. Method dated Dec 7, 1972. (Unpublished study received Jul 2, 1975 under 239-2186; submitted by Chevron Chemical Co., Richmond, Calif.; CDL:119807-E)	00032428		OLD	sugarcane


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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Baychem Corporation (1973) Recovery of Sencor from Dry Soybeans: Report No. 35413. (Unpublished study received Jul 2, 1975 under 239-2186; submitted by Chevron Chemical Co., Richmond, Calif.; CDL:119807-F)	00032429		OLD	soybean
860.1340	Stanley, C.W. (1974) Comparison of Hydrolysis Methods for Sencor from Alfalfa: Report No. 40977. (Unpublished study received on unknown date under 4F1432; submitted by Chemagro Corp., Kansas City, Mo.; CDL:095519-A)	00036216		OLD	alfalfa
860.1340	Cannon Laboratories (1974) Recovery of Sencor and Dadk from Barley and Wheat Grain: Report No. 41352. (Unpublished study received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094425-B)	00036427		OLD	barley wheat
860.1340	Sandie, F.E.; Gronberg, R.R. (1975) A Gas Chromatographic Method for Determining Residues of Sencor and Metabolites in Animal Tissues, Milk and Eggs: Report No. 42257. Method dated May 5, 1975. (Unpublished study received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 094425-F)	00036431		OLD	Livestock
860.1340	Cannon Laboratories (1974) Recovery of Sencor from Barley and Wheat Straw: Report No. 42292. (Unpublished study received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094425-G)	00036432		OLD	barley wheat
860.1340	Mobay Chemical Corporation (1974) Recovery of Sencor and Metabolites from Barley and Wheat Straw: Report No. 42293. (Unpublished study received May 14, 1975 under 5F1628; CDL:094425-H)	00036433		OLD	barley wheat
860.1340	Mobay Chemical Corporation (1974) Recovery of Sencor from Sainfoin: Report No. 42470. (Unpublished study received May 14, 1975 under 5F1628; CDL:094426-I)	00036776		OLD	sainfoin
860.1340	Morris, R.A. (1975) Interference Study for the Residue Method for Sencor and Its Metabolites in Various Crops: Report No. 42735.	00036782		OLD	various

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Date: 12/28/2021		EPA Reg. No./File Symbol 87373-91		Page 26 of 67	
Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	(Unpublished study received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094427-D)				
860.1340	Devine, J.M.; Thornton, J.S.; Stanley, C.W. (1975) Sencor (Bay 94337): The Gas Chromatographic Determination of Sencor ?4- Amino-6-t-butyl-3-(methylthio)-1,2,4-triazin-5(4H)-one from Fortified Potatoes: Report No. C-767. Includes method, report no. 33005, dated Apr 14, 1972. (Unpublished study received Feb 9, 1976 under 6G1739; prepared in cooperation with Chemagro Corp., submitted by American Cyanamid Co., Princeton, N.J.; CDL: 095485-P)	00039530		OLD	potato
860.1340	Stanley, C.W.; Schumann, S.A. (1969) A Gas Chromatographic Method for the Determination of Bay 94337 Residues in Potatoes, Soybeans, and Corn: Report No. 25,838. Method dated Oct 16, 1969. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-B)	00045256		OLD	potato soybean corn
860.1340	Sandie, F.E.; Gronberg, R.R. (1974) A Gas Chromatographic Method for Determining Residues of Sencor and Metabolites in Animal Tissues, Milk and Eggs: Report No. 42257. Method dated Dec 5, 1974. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 094870-M)	00045282		OLD	Livestock
860.1340	Thornton, J.S.; Stanley, C.W. (1972) A Gas Chromatographic Method for the Determination of Residues of Sencor and Its Metabolites in Potatoes: Report No. 33005. Method dated Apr 14, 1972. (Unpublished study received Aug 14, 1980 under 3125-314; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:243067-B)	00054354		OLD	potato
860.1340	Thornton, J.S.; Stanley, O.W. (1977) Gas chromatographic determination of Sencor and metabolites in crops and soil. Journal of Agricultural and Food Chemistry 25(2):380-386. (Submitter report no. 52909; also in unpublished submission received Aug 14, 1980 under 3125-314; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:243067-W)	00054369		OLD	crops soil

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Thornton, J.S. (1974) A Gas Chromatographic Method for the Determination of Sencor and Metabolites in Various Crops: Report No. 40901. Method dated Dec 11, 1974. (Unpublished study received Sep 13, 1976 under 3125-277; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:226759-H)	00069067		OLD	various
860.1340	Mobay Chemical Corporation (1978) ^{^(R)} I Sencor Residue Chemistry on Soybeans: Supplement No. 5. (Compilation; unpublished study received Dec 16, 1981 under 3125-277; CDL:246510-A)	00087925		OLD	soybean
860.1340	Mobay Chemical Corporation (1981) ^{^(R)} I Sencor Residue Chemistry on Various Crops: Addition No. 7. (Compilation; unpublished study received Dec 23, 1981 under 3125-277; CDL:246509-A)	00087926		OLD	various
860.1340	Mobay Chemical Corp. (1969) Bay 94337 Metabolic, Analytical, and Residue Information on Potatoes and Soybeans. (Compilation; unpublished study received Jan 16, 1970 under 0G0940; CDL: 091607-A)	00106163		OLD	soybean
860.1340	Mobay Chemical Corp. (1972) Sencor (Bay 94337) Metabolic, Analytical, and Residue Information on Soybeans. (Compilation; unpublished study received Oct 5, 1972 under 2F1274; CDL:091806-A; 091807)	00106164		OLD	soybean
860.1340	Thornton, J. (1973) Effect of Cooking (Steaming) on the Release of Sencor Residues from Soybeans: Report No. 36826. (Unpublished study received Oct 6, 1972 under 2F1274; submitted by Mobay Chemical Corp., Kansas City, MO; CDL:091809-A)	00106165		OLD	soybean
860.1340	Mobay Chemical Corp. (1973) Sencor: Metabolic, Analytical, and Residue Information for Sugarcane (Hawaii). (Compilation; unpublished study received Mar 30, 1973 under 4F1432; CDL: 093822-A; 093820)	00106168		OLD	sugarcane
860.1340	Mobay Chemical Corp. (1972) Sencor (BAY 94337): Metabolic, Analytical, and Residue Information on Tomatoes. (Compilation; unpublished study received Apr 25, 1972 under 4F1432; CDL: 093821-A)	00106169		OLD	tomato

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Mobay Chemical Corp. (1975) Sencor: Analytical, Metabolic, and Residue Information for Various Crops. (Compilation; unpublished study received May 14, 1975 under 5F1628; CDL:094423-A)	00106173		OLD	various
860.1340	Mobay Chemical Corp. (1975) Sencor ... Residue Chemistry on Lentils and Peas: Document No. AS76-788. (Compilation; unpublished study received Jun 29, 1976 under 3125-277; CDL:095551-A)	00106179		OLD	lentil pea chickpeas
860.1340	Mobay Chemical Corp. (1976) Addition No. 1 to Brochure Entitled: Sencor: Residue Chemistry on Tomatoes: Document No. AS76-549. (Compilation; unpublished study received May 6, 1976 under 6F1783; CDL:095907-A)	00106180		OLD	tomato
860.1340	Mobay Chemical Corp. (1977) Sencor Residue Chemistry on Various Crops: Addition No. 1 to Brochure Entitled: Sencor Analytical, Metabolic, and Residue Information for Various Crops: Document No. AS 77-1557. (Compilation; unpublished study received Sep 21, 1977 under 3125-277; CDL:096367-A)	00106182		OLD	various
860.1340	Mobay Chemical Corp. (1977) Sencor Residue Chemistry on Soybeans: Supplement No. 4 to Brochure Entitled: Sencor (Formerly Bay 94337) Metabolic, Analytical and Residue Information on Soy- beans: Document No. AS 78-153. (Compilation; unpublished study received Feb 13, 1978 under 3125-277; CDL:096820-A)	00106183		OLD	soybean
860.1340	Mobay Chemical Corp. (1978) Sencor Residue Chemistry on Various Crops: Addition No. 3 to Brochure Entitled: Sencor Analytical, Metabolic and Residue Information for Various Crops: Document No. AS78-1274. (Compilation; unpublished study received Jun 16, 1978 under 3125-277; CDL:097165-A)	00106185		OLD	various
860.1340	Thornton, J.; Schumann, S. (1971) A Gas Chromatographic Method for the Determination of Sencor and Its Deaminated Diketo Metabolite in Potatoes and Soybeans: Report No. 30387. (Unpublished study received on unknown date under OG0940; submitted by Chemagro Corp., Kansas City, MO; CDL:098576-A)	00106193		OLD	potato soybean

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Mobay Chemical Corp. (1973) Sencor (Formerly BAY 94337): Metabolic, Analytical, Residue, and Flavor Evaluation for Potatoes. (Compilation; unpublished study received Mar 8, 1973 under 3125-EX- 120; CDL:127000-A; 127001)	00106199		OLD	potato
860.1340	Mobay Chemical Corp. (1973) Addition No. 1 to Brochure Entitled: Sencor: Residue Chemistry on Potatoes: Document No. AS77-47. (Compilation; unpublished study received Jan 24, 1977 under 3125-277; CDL:228041-A)	00106203		OLD	potato
860.1340	Mobay Chemical Corp. (1973) Addition No. 2 to Brochure Entitled: Sencor: Residue Chemistry on Potatoes. (Compilation; unpublished study received Nov 30, 1977 under 3125-314; CDL:232357-A)	00106205		OLD	potato
860.1340	Mobay Chemical Corp. (1978) Sencor Residue Chemistry on Various Crops: Addition No. 2, Feb 3, 1978, to Brochure Entitled: Sencor Analytical, Metabolic and Residue Information for Various Crops (Dated January 23, 1975): Document No. AS78-1882. (Compilation; unpublished study received Sep 11, 1978 under 3125-314; CDL: 235087-A)	00106211		OLD	various
860.1340	Ver Hey, M. (1988) Sencor, Sencor DA, Sencor DK and Sencor DADK: Multiresidue Method Trial: Final Report: Mobay 1093: SE161601. Unpublished study prepared by Colorado Analytical Research & Development Corp. 496 p.	41021001		OLD	various
860.1340	Gronberg, R. (1994) A Gas Chromatographic Method for the Determining Residues of SENCOR and Metabolites in Animal Tissues, Milk and Eggs: Reformat: Lab Project Number: 42257R. Unpublished study prepared by Miles Inc. 39 p.	43218205	Bayer Corp Agriculture Division	OLD	Livestock
860.1340	Gronberg, R. (1994) A Gas Chromatographic Method for the Determining Residues of SENCOR and Metabolites in Animal Tissues, Milk and Eggs: Response to an EPA Inquiry Regarding Analysis of Aged Radioactive Tissues with the Enforcement Method: Lab Project Number: 42257R-1. Unpublished study prepared by Miles Inc. 12 p.	43218206	Bayer Corp Agriculture Division	OLD	Livestock
860.1340	Residue Analytical Method - Plants	GS0181-006		OLD	Plants

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method - Plants	GS0181-007		OLD	Plants
860.1360	Ver Hey, M. (1988) Sencor, Sencor DA, Sencor DK and Sencor DADK: Multiresidue Method Trial: Final Report: Mobay 1093: SE161601. Unpublished study prepared by Colorado Analytical Research & Development Corp. 496 p.	41021001		OLD	various
860.1380	Mobay Chemical Corporation (1974) The Effect of Frozen Storage at 0 to -10°F on Sencor and Metabolite Residue in Milk: Report No. 42372. (Unpublished study received May 14, 1975 under 5F1628; CDL:094425-P)	00036441		OLD	Livestock
860.1380	Mobay Chemical Corporation (1974) The Effect of Frozen Storage at 0 to -10°F on Sencor Residues in Green Alfalfa: Report No. 42471. (Unpublished study received May 14, 1975 under 5F1628; CDL:094426-J)	00036777		OLD	alfalfa
860.1380	Mobay Chemical Corporation (1974) The Effect of Frozen Storage at 0 to -10°F on Sencor Residues in Poultry Tissues and Eggs: Report No. 42451. (Unpublished study received May 14, 1975 under 5F1628; CDL:094426-K)	00036778		OLD	Livestock
860.1380	Thornton, J.S. (1972) Effect of Room Temperature Storage on Residues of Sencor and Metabolites in Mature Potatoes: Report No. 33058. (Unpublished study received Aug 14, 1980 under 3125-314; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL: 243067-C)	00054355		OLD	potato
860.1380	Mobay Chemical Corporation (1972) Effect of Frozen Storage at 0 (degrees) F on Sencor and DADK Residues in Soybeans: Report No. 33289. (Unpublished study received Aug 14, 1980 under 3125-314; CDL: 243067-D)	00054356		OLD	soybean
860.1380	Mobay Chemical Corporation (1973) The Effect of Frozen Storage at 0 to -10°F on Sencor Residues in Potatoes: Report No. 35845. (Unpublished study received Aug 14, 1980 under 3125-314; CDL: 243067-F)	00054358		OLD	potato


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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380	Mobay Chemical Corporation (1974) The Effect of Frozen Storage at 0 to -10°F on Sencor Residues in Green Alfalfa: Report No. 42471. (Unpublished study received Aug 14, 1980 under 3125- 314; CDL:243067-M)	00054360		OLD	alfalfa
860.1380	Mobay Chemical Corporation (1975) The Effect of Frozen Storage at 0 to -10°F on Sencor(TM) and Metabolite Residues in Green Peas: Report No. 44621. (Unpublished study received Aug 14, 1980 under 3125-314; CDL:243067-P)	00054363		OLD	pea
860.1380	Mobay Chemical Corporation (1974) The Effect of Frozen Storage at 0 to -10°F on Sencor Residues in Tomatoes: Report No. 47371. (Unpublished study received Aug 14, 1980 under 3125- 314; CDL:243067-S)	00054366		OLD	tomato
860.1380	Burge, C.; Parker, G. (1988) Stability of Metribuzin and Ethiozin Metabolite Residues in Biological Matrices During Frozen Storage: Report NO. 98504. Unpublished study prepared by Mobay Corporation. 62 p.	41020601		OLD	
860.1380	Murphy, J.; Jacobs, K. (1974) Stability of SENCOR and Its Metabolites Under Frozen Storage: Lab Project Number: 40707R. Unpublished study prepared by Miles Inc. 11 p.	43218201	Bayer Corp Agriculture Division	OLD	
860.1380	Gronberg, R. (1994) A Gas Chromatographic Method for the Determination of SENCOR and Metabolites in Various Crops: Reformat: Lab Project Number: 40901R. Unpublished study prepared by Miles Inc. 21 p.	43218202	Bayer Corp Agriculture Division	OLD	various
860.1380	Gronberg, R. (1994) A Gas Chromatographic Method for the Determination of SENCOR and Metabolites in Various Crops: Response to an EPA Inquiry Regarding Analysis of Aged Radioactive Tissues with the Enforcement Method: Lab Project Number: 40901R-1. Unpublished study prepared by Miles Inc. 10 p.	43218203	Bayer Corp Agriculture Division	OLD	various
860.1380	Gronberg, R. (1994) A Gas Chromatographic Method for the Determination of SENCOR and Metabolites in Various Crops: Method	43218204	Bayer Corp Agriculture Division	OLD	various

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Update: Lab Project Number: 40901R-2. Unpublished study prepared by Morse Laboratories, Inc. and Chemonics Industries. 10 p.				
860.1380	Gronberg, R. (1994) A Gas Chromatographic Method for the Determining Residues of SENCOR and Metabolites in Animal Tissues, Milk and Eggs: Reformat: Lab Project Number: 42257R. Unpublished study prepared by Miles Inc. 39 p.	43218205	Bayer Corp Agriculture Division	OLD	Livestock
860.1380	Gronberg, R. (1994) A Gas Chromatographic Method for the Determining Residues of SENCOR and Metabolites in Animal Tissues, Milk and Eggs: Response to an EPA Inquiry Regarding Analysis of Aged Radioactive Tissues with the Enforcement Method: Lab Project Number: 42257R-1. Unpublished study prepared by Miles Inc. 12 p.	43218206	Bayer Corp Agriculture Division	OLD	Livestock
860.1380	Minor, R. (1994) Review of the Storage Stability Data on Metribuzin and Its Metabolites in Crops and Processed Products: Lab Project Number: 102615: SE161601: SE131602. Unpublished study prepared by Ricerca, Inc. 1587 p.	43218207	Bayer Corp Agriculture Division	OLD	
860.1380	Minor, R. (1994) Replies to Comments and Questions from EPA's Review of Data Submitted in Response to the Data Call-in (DCI) for Metribuzin: (Data submitted as alternate to Craven Laboratories generated data): Lab Project Number: 106566. Unpublished study prepared by Miles Inc. 103 p.	43253601	Bayer Corp Agriculture Division	OLD	
860.1380	Lemke, V.; Lenz, C. (1999) Metribuzin and Metabolites- Freezer Storage Stability in Potato and Sugarcane and Processed Commodities of Potato and Sugarcane: Lab Project Number: 106948: SE131603: PA091895. Unpublished study prepared by Bayer Corp. 963 p. {OPPTS 860.1380}	44833201	Bayer Corp Agriculture Division	OLD	potato sugarcane
860.1380	Bosnak, L. (1997) The Storage Stability of FOE 5043 and Metabolites in Wheat Forage, Grain, and Straw: Lab Project Number: F3131602: 107137. Unpublished study prepared by Bayer Corp. 73 p.	45012402		OLD	wheat
860.1380	Storage Stability	GS0181-002		OLD	

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513			Product ARG METRIBUZIN TECHNICAL		
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1400	Nature and Magnitude of the Residue in Potable Water			Not required	
860.1400	Magnitude of the Residue in Fish			Not required	
860.1400	Magnitude of the Residue in Plants Resulting from the Use of Irrigation Water			Not required	
860.1460	Magnitude of the Residue in Food Handling Establishments			Not required	
860.1480	Mobay Chemical Corporation (1974) (Residues of Sencor and Other Chemicals in Cattle Tissues and Milk): Report No. 42373. (Unpublished study including report nos. 42449 and 42372, received Dec 1, 1974 under 5F1559; CDL:095987-C)	00036111	Bayer Corp Agriculture Division	OLD	Meat, Milk, Poultry, and Eggs
860.1480	Mobay Chemical Corporation (1974) ?Sencor Residues in Poultry Tissues and Eggs]: Report No. 42448. (Unpublished study including report nos. 42450 and 42451, received on unknown date under 3F1559; CDL:095987-F)	00036117	Bayer Corp Agriculture Division	OLD	Meat, Milk, Poultry, and Eggs
860.1480	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment AH-71A-851: Report No. 42449. (Unpublished study received May 14, 1975 under 5F1628; CDL:094426-E)	00036772		OLD	Meat, Milk, Poultry, and Eggs
860.1480	Morgan, J.G.; Flint, D.R. (1972) Sencor Residues in Chicken Eggs and Tissue: Report No. 33226. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-H)	00045262		OLD	Meat, Milk, Poultry, and Eggs
860.1480	Flint, D.R.; Shaw, H.R., II (1972) Residues in Tissue and Milk from Goats Treated Daily with Sencor-14C in the Diet: Report No. 33255. (Unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-I)	00045263		OLD	Meat, Milk, Poultry, and Eggs
860.1480	Mobay Chemical Corporation (1974) ?Sencor Residues in Cattle]: Report No. 42373. (Unpublished study received Mar 7, 1975 under 5F1559; CDL:094870-N)	00045283	Bayer Corp Agriculture Division	OLD	Meat, Milk, Poultry, and Eggs

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1480	Mobay Chemical Corporation (1974) ?Sencor Residues in Poultry : Report No. 42448. (Unpublished study received Mar 7, 1975 under 5F1559; CDL:094870-O)	00045284	Bayer Corp Agriculture Division	OLD	Meat, Milk, Poultry, and Eggs
860.1480	Mobay Chemical Corporation (1974) ?Sencor Residues in Milk : Report No. 42449. (Unpublished study received Mar 7, 1975 under 5F1559; CDL:094870-P)	00045285	Bayer Corp Agriculture Division	OLD	Meat, Milk, Poultry, and Eggs
860.1480	Mobay Chemical Corporation (1974) ?Sencor Residues in Eggs : Report No. 42450. (Unpublished study received Mar 7, 1975 under 5F1559; CDL:094870-Q)	00045286	Bayer Corp Agriculture Division	OLD	Meat, Milk, Poultry, and Eggs
860.1480	Mobay Chemical Corp. (1973) Sencor (Formerly BAY 94337): Metabolic, Analytical, Residue, and Flavor Evaluation for Potatoes. (Compilation; unpublished study received Mar 8, 1973 under 3125-EX- 120; CDL:127000-A; 127001)	00106199		OLD	potato
860.1500	Searcy, S.; Herman, D.; Slagowski, J.L. (1978) Metolachlor (Dual^(R)I 8E); Metribuzin (Sencor 50W); Paraquat (2CI): AG-A No. 4894 I,II. (Unpublished study including letter dated May 23, 1978 from J.D. Riggelman to Robert A. Kahrs, received Mar 16, 1979 under 100-583; prepared in cooperation with E.I. du Pont de Nemours & Co., Inc. and Chevron Chemical Co., submitted by Ciba-Geigy Corp.)	00015773	Syngenta Crop Protection, LLC	OLD	soybean
860.1500	Analytical Biochemistry Laboratories (1977) Chemagro Agricultural Division--Mobay Chemical Corporation Residue Experiment: MW-HR-409-75: Report No. 51071. (Unpublished study including report nos. 51065, 51069 and 51070, received Jan 19, 1977 under 100- 583; submitted by Ciba-Geigy Corp., Greensboro, N.C.; CDL: 095747-AH)	00015949		OLD	soybean
860.1500	Monsanto Company (1974) Summary of Residue Data. (Unpublished study received Jan 16, 1978 under 524-285; CDL:232680-B)	00024503	Bayer Cropscience LP	OLD	soybean
860.1500	Mobay Chemical Corporation (1977) (Residue Data for Sencor, Alachlor in Potatoes). (Unpublished study received Jan 2, 1980 under WA 79/88; prepared in cooperation with Analytical Biochemistry Laboratories, Inc., submitted by State of Washington for Monsanto Co., Washington, D.C.; CDL:241541-A)	00026411		OLD	potato

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Chemagro Corporation (1974) Chemagro Division of Baychem Corporation Residue Experiment 661-4828-73H: Report No. 41349. (Unpublished study including report nos. 41350 and 41351, received May 14, 1975 under 5F1628; prepared in cooperation with Cannon Laboratories, CDL:094425-A)	00036426		OLD	wheat
860.1500	Cannon Laboratories (1974) Recovery of Sencor and Dadk from Barley and Wheat Grain: Report No. 41352. (Unpublished study received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094425-B)	00036427		OLD	wheat
860.1500	Chemagro Corporation (1974) Chemagro Division of Baychem Corporation Residue Experiment 661-Extra-73D: Report No. 41353. (Unpublished study including report nos. 41354, 41355, 41356..., received May 14, 1975 under 5F1628; prepared in cooperation with Cannon Laboratories; CDL:094425-C)	00036428		OLD	wheat
860.1500	Morse Laboratories (1974) Chemagro Agricultural Division--Mobay Chemical Corporation Residue Experiment 361-4701-73H: Report No. 41820. (Unpublished study including report nos. 41822, 41823, 41824..., received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094425-D)	00036429		OLD	corn
860.1500	Cannon Laboratories (1974) Recovery of Sencor from Barley and Wheat Straw: Report No. 42292. (Unpublished study received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094425-G)	00036432		OLD	wheat
860.1500	Mobay Chemical Corporation (1974) Recovery of Sencor and Metabolites from Barley and Wheat Straw: Report No. 42293. (Unpublished study received May 14, 1975 under 5F1628; CDL:094425-H)	00036433		OLD	wheat
860.1500	Mobay Chemical Corporation (1974) Raw Data and Chromatograms for Analysis of Sencor and Dadk on Barley Straw: Report No. 42294. (Unpublished study received May 14, 1975 under 5F1628; CDL: 094425-I)	00036434		OLD	barley

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Mobay Chemical Corporation (1974) Raw Data and Chromatograms for Analysis of Sencor and Dadk on Wheat Straw: Report No. 42295. (Unpublished study received May 14, 1975 under 5F1628; CDL: 094425-J)	00036435		OLD	wheat
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 661-47795-72H: Report No. 42326. (Unpublished study including report no. 42328, received May 14, 1975 under 5F1628; CDL:094425-K)	00036436		OLD	asparagus
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 661-4779A-72H: Report No. 42327. (Unpublished study including report nos. 42329, 42330 and 42332, received May 14, 1975 under 5F1628; CDL: 094425-L)	00036437		OLD	alfalfa sainfoin
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 661-4714 Extra-- 72H: Report No. 42331. (Unpublished study including report no. 42333, received May 14, 1975 under 5F1628; CDL:094425-M)	00036438		OLD	forage grasses timothy
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 661-4832-73H: Report No. 42350. (Unpublished study including report nos. 42351, 42352, 42353..., received May 14, 1975 under 5F1628; prepared in cooperation with Cannon Laboratories; CDL:094425-N)	00036439		OLD	wheat
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 661-4822-73H: Report No. 42363. (Unpublished study including report nos. 42364, 42365, 42366..., received May 14, 1975 under 5F1628; prepared in cooperation with Cannon Laboratories; CDL:094425-O)	00036440		OLD	barley
860.1500	Chemagro Corporation (1974) Chemagro Division of Baychem Corporation Residue Experiment 661-4710-73D: Report No. 40910. (Unpublished study including report nos. 40911, 40912, 40913..., received May 14, 1975 under 5F1628; prepared in cooperation with	00036443		OLD	corn

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Morse Laboratories, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094424-C)				
860.1500	Mobay Chemical Corporation (1974) Raw Data and Chromatograms for the Analysis of Sencor and DADK in Barley Grain: Report No. 41237. Rev. (Unpublished study received May 14, 1975 under 5F1628; CDL:094424-D)	00036444		OLD	wheat
860.1500	Cannon Laboratories (1974) Chemagro Division of Baychem Corporation Residue Experiment: 263-4839-73H: Report No. 41339. (Unpublished study including report nos. 41341, 41342, 41343..., received May 14, 1975 under 5F1628; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094424-E)	00036445		OLD	wheat
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 861-4708A-72D: Report No. 42374. (Unpublished study including report nos. 42466, 42467, 42468..., received May 14, 1975 under 5F1628; CDL: 094426-B)	00036769		OLD	alfalfa sainfoin
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment: 861-4708 G-72H: Report No. 42375. (Unpublished study received May 14, 1975 under 5F1628; CDL:094426-C)	00036770		OLD	forage grasses timothy
860.1500	Mobay Chemical Corporation (1975) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 263-4701-72H: Report No. 42484. (Unpublished study including report nos. 42485, 42486, 42487..., received May 14, 1975 under 5F1628; CDL: 094427-A)	00036779		OLD	alfalfa sainfoin
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 661-4704 Extra-72H: Report No. 42492. (Unpublished study received May 14, 1975 under 5F1628; CDL:094427-B)	00036780		OLD	forage grasses timothy

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Mobay Chemical Corporation (1974) Chemagro Agricultural Division-- Mobay Chemical Corporation Residue Experiment 661-4781-73H: Report No. 42493. (Unpublished study including report nos. 42494, 42495 and 42496, received May 14, 1975 under 5F1628; CDL: 094427-C)	00036781		OLD	asparagus
860.1500	American Cyanamid Company (1975) General Summary: Prowl Herbicide and Its Metabolite and Sencor Residues in or on Potatoes. Summary of studies 095485-Q through 095485-S. (Unpublished study received Feb 9, 1976 under 6G1739; CDL:095485-K)	00039525		OLD	potato
860.1500	Devine, J.M.; Nzewi, G.I.; Boughton, P.J.; et al. (1975) Prowl [®] (R)I (CL 92,553): Determination of CL 92,553 ?N-(1-Ethylpropyl)-3,4- dimethyl-2,6-dinitrobenzenamide , CL 202,347 ?4-(?1-Ethylpropyl amino)-2-methyl-3,5-dinitro benzyl alcohol and Sencor ?4-Amino- 6-t-butyl-3-(methylthio)-1,2,4-triazin-5(4H)-one Residues in Potatoes: Report No. C-787. (Unpublished study received Feb 9, 1976)	00039531		OLD	potato
860.1500	Chemagro Corporation (1975) Supplement to Synopsis of the Effects of Sencor on the Environment. Summary of studies 094871-C through 094871-F, 094871-I through 094871-O, 094871-Q through 094871-S. (Supplement no. 1; unpublished study received Mar 7, 1975 under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:094871-A)	00045255		OLD	barley
860.1500	Wilson, G.R.; Baszis, S.R.; Steinmetz, J.R.; et al. (1980) Residues of Acetochlor in Soybean and Corn Grain following Preemergent Treatment with Acetochlor Alone or in Tank-mix Combinations with Atrazine, Linuron and Metribuzin: Report No. MSL-1242. Final rept. (Unpublished study received Dec 12, 1980 under 524-EX-56; submitted by Monsanto Co., Washington, D.C.; CDL: 099813-A)	00064797	Bayer Cropsience LP	OLD	soybean

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Monsanto Company (1980) Residues of Glyphosate and Other Herbicides in Wheat following Chemical Fallow Applications of Roundup [®] (R) Tank Mix Combinations. Includes method dated Jul 1, 1979 and undated methods entitled: 2,4-D in wheat forage, straw and grain; Dicamba in wheat forage, straw and grain; Residues of alachlor in wheat grain, forage and straw; Atrazine in wheat forage, straw and grain; ...	00067425	Bayer Cropscience LP	OLD	wheat
860.1500	Harrison, S.L.; Boros, E.J. (1980) Chloramben, Trifluralin & Metribuzin (+ DADK) Analyses of Soybeans Treated with Amiben + Treflan + Sencor or Lexone Tank Mix PPI: Project Report 10123/1280A. (Unpublished study received Dec 19, 1980 under 264-138; prepared in cooperation with Southern Illinois Univ., Plant & Soil Science Dept. and others, submitted by Union Carbide Agricultural Products Co.)	00067433	Bayer Cropscience LP	OLD	soybean
860.1500	Wilson, G.R.; Dubelman, S. (1981) Residues of Alachlor in Potatoes following Preemergent and Lay-by Treatment with Lasso [®] (R) Alone or in Tank-mix Combinations with Metribuzin: Report No. MSL- 1559. Final rept. (Unpublished study received Aug 7, 1981 under 1F2551; submitted by Monsanto Co., Washington, D.C.; CDL: 070279-A)	00078436		OLD	potato
860.1500	Stauffer Chemical Company (1980) Eptam 7-E + Metribuzin Tank Mix on Potatoes: Summary of Crop Residue Data. (Compilation; unpublished study received Jul 27, 1981 under 476-2154; CDL:245620-B)	00078438		OLD	potato
860.1500	Mobay Chemical Corporation (1981) Addition to Synopsis of Sencor Residue Chemistry on Various Crops: Addition No. 6. (Compilation; unpublished study received Jul 13, 1981 under 3125-314 ; CDL:245572-A)	00078942	Bayer Corp Agriculture Division	OLD	corn
860.1500	Mobay Chemical Corporation (1981) Addition to Synopsis of Sencor Residue Chemistry on Various Crops: Addition No. 5. (Compilation; unpublished study received Jul 13, 1981 under 3125-314; CDL:245573-A)	00078943	Bayer Corp Agriculture Division	OLD	corn wheat

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Mobay Chemical Corporation (1981) Addition to Synopsis of Sencor: Residue Chemistry on Soybeans. Summary of studies 246225-B and 246225-C. (Compilation; unpublished study received Oct 29, 1981 under 3125-277; CDL:246225-A)	00086681		OLD	soybean
860.1500	Mobay Chemical Corporation (1978) ^{(R)}Sencor Residue Chemistry on Soybeans: Supplement No. 5. (Compilation; unpublished study received Dec 16, 1981 under 3125-277; CDL:246510-A)	00087925		OLD	soybean
860.1500	Mobay Chemical Corporation (1981) ^{(R)}Sencor Residue Chemistry on Various Crops: Addition No. 7. (Compilation; unpublished study received Dec 23, 1981 under 3125-277; CDL:246509-A)	00087926	Bayer Corp Agriculture Division	OLD	barley wheat
860.1500	Lauer, R.; Dubelman, S. (1982) Residues of Alachlor in Soybeans Following Preemergent Treatment with Lasso ME Alone or in Tank- mix Combinations with Roundup, Linuron and Metribuzin: Report No. MSL 2084. (Unpublished study received May 10, 1982 under 524-344; submitted by Monsanto Co., Washington, DC; CDL: 070844-B)	00101537	Bayer Cropscience LP	OLD	soybean
860.1500	Frank, R.; Sieck, R.; Shuey, E. (1979) Oryzalin and Metribuzin Residues in White Potatoes When Surface Applied to Control Weeds. (Unpublished study received Jul 1, 1982 under 1471-96; submitted by Elanco Products Co., Div. of Eli Lilly and Co., Indianapolis, IN; CDL:070954-A)	00105212	Dow Elanco	OLD	potato
860.1500	Mobay Chemical Corp. (1973) Sencor: Metabolic, Analytical, and Residue Information for Sugarcane (Hawaii). (Compilation; unpublished study received Mar 30, 1973 under 4F1432; CDL: 093822-A; 093820)	00106168		OLD	sugarcane
860.1500	Mobay Chemical Corp. (1975) Sencor: Analytical, Metabolic, and Residue Information for Various Crops. (Compilation; unpublished study received May 14, 1975 under 5F1628; CDL:094423-A)	00106173		OLD	corn wheat
860.1500	Mobay Chemical Corp. (1975) Sencor ... Residue Chemistry on Lentils and Peas: Document No. AS76-788. (Compilation; unpublished study received Jun 29, 1976 under 3125-277; CDL:095551-A)	00106179		OLD	chickpeas lentils peas

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Mobay Chemical Corp. (1976) Addition No. 1 to Brochure Entitled: Sencor: Residue Chemistry on Tomatoes: Document No. AS76-549. (Compilation; unpublished study received May 6, 1976 under 6F1783; CDL:095907-A)	00106180		OLD	tomato
860.1500	Mobay Chemical Corp. (1977) Sencor Residue Chemistry on Various Crops: Addition No. 1 to Brochure Entitled: Sencor Analytical, Metabolic, and Residue Information for Various Crops: Document No. AS 77-1557. (Compilation; unpublished study received Sep 21, 1977 under 3125-277; CDL:096367-A)	00106182		OLD	alfalfa barley sainfoin wheat
860.1500	Mobay Chemical Corp. (1977) Sencor Residue Chemistry on Soybeans: Supplement No. 4 to Brochure Entitled: Sencor (Formerly Bay 94337) Metabolic, Analytical and Residue Information on Soy- beans: Document No. AS 78-153. (Compilation; unpublished study received Feb 13, 1978 under 3125-277; CDL:096820-A)	00106183		OLD	soybean
860.1500	Kadoun, A.; Gronberg, R. (1978) Effect of Dry Milling and Gluten Processing on Sencor and DADK Residues in Wheat Grain: Document No. AS78-1271; Report No. 66113. (Unpublished study received Jun 16, 1978 under 3125-277; prepared by Kansas State Univ., Dept. of Entomology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL:097164-A)	00106184		OLD	wheat
860.1500	Mobay Chemical Corp. (1978) Sencor Residue Chemistry on Various Crops: Addition No. 3 to Brochure Entitled: Sencor Analytical, Metabolic and Residue Information for Various Crops: Document No. AS78-1274. (Compilation; unpublished study received Jun 16, 1978 under 3125-277; CDL:097165-A)	00106185		OLD	alfalfa barley sainfoin wheat
860.1500	Chemagro Corp. (1975) ?Residues of Sencor in Sugarcane . (Compilation; unpublished study received Oct 8, 1975 under 4F1432; CDL:098168-F)	00106190		OLD	sugarcane

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Houseworth, L. (1979) Residues of Metolachlor and Metribuzin in Potato Tubers Resulting from the Use of Metolachlor and Metolachlor/Metribuzin Tank Mixes for Weed Control in Potato Culture: Report No.: ABR-79040. (Unpublished study received Apr 25, 1979 under 100-583; submitted by Ciba-Geigy Corp., Greensboro, NC; CDL:098227-A)	00106191	Syngenta Crop Protection, LLC	OLD	potato
860.1500	Mobay Chemical Corp. (1973) Sencor (Formerly BAY 94337): Metabolic, Analytical, Residue, and Flavor Evaluation for Potatoes. (Compilation; unpublished study received Mar 8, 1973 under 3125-EX- 120; CDL:127000-A; 127001)	00106199		OLD	potato
860.1500	Mobay Chemical Corp. (1976) Sencor: Residue Chemistry on Sugarcane: Addition No. 2 to Brochure Entitled: Sencor: Metabolic, Analytical and Residue Information for Sugarcane (Hawaii): Document No. AS76-1245. (Compilation; unpublished study received Sep 10, 1976 under 3125-277; CDL:226131-A)	00106202		OLD	sugarcane
860.1500	Mobay Chemical Corp. (1973) Addition No. 1 to Brochure Entitled: Sencor: Residue Chemistry on Potatoes: Document No. AS77-47. (Compilation; unpublished study received Jan 24, 1977 under 3125-277; CDL:228041-A)	00106203		OLD	potato
860.1500	Mobay Chemical Corp. (1973) Addition No. 2 to Brochure Entitled: Sencor: Residue Chemistry on Potatoes. (Compilation; unpublished study received Nov 30, 1977 under 3125-314; CDL:232357-A)	00106205		OLD	potato
860.1500	Mobay Chemical Corp. (1978) Sencor Residue Chemistry on Tomatoes: Addition No. 2, May 3, 1978, to Brochure Entitled: Sencor (Bay 94337) Metabolic, Analytical and Residue Information on Tomatoes (Dated Apr 25, 1972): Document No. AS78-2011. (Compilation; unpublished study received Oct 3, 1978 under 3125-314; CDL: 235319-A)	00106212		OLD	tomato
860.1500	BASF Wyandotte Chemical Corp. (1978) Basalin Herbicide Amended Registration: Basalin Tank Mixture and Sequential Application with Metribuzin: Residue Chemistry--Part 03. (Compilation; un- published study received Nov 8, 1978 under 7969-46; CDL: 235698-B)	00106215	BASF Corporation Agricultural Products	OLD	soybean

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	American Cyanamid Co. (1978) Amounts of Residues of Prowl, Its Metabolite (CL 202,347) Metribuzin (Sencor or Lexone) and Eptam in or on Potatoes. (Compilation; unpublished study received Oct 5, 1978 under 241-243; CDL:097433-A; 097434)	00106797	BASF Corporation	OLD	potato
860.1500	Interregional Research Project No. 4 (1983) The Results of Tests on the Amount of Metribuzin Residues Remaining in or on Carrots. Unpublished compilation. 51 p.	00144087		OLD	carrots
860.1500	Mobay Chemical Corp. (1983) Sencor Residue Chemistry on Various Crops Addition No. 8 (Alfalfa), Brochure No. 1182 to the Brochure Entitled: Sencor Analytical, Metabolic, and Residue Information for Various Crops. Unpublished study. 54 p.	00145504	Bayer Corp Agriculture Division	OLD	alfalfa
860.1500	Mobay Chemical Corp. (1984) Sencor: Residue Chemistry on Various Crops: Addition No. 10 (Alfalfa): Brochure No. 1241 to the Brochure Entitled: Sencor: Analytical, Metabolic and Residue Information for Various Crops (Dated January 23, 1975): Document No. AS 84-1284. Unpublished compilation. 69 p.	00149205		OLD	alfalfa
860.1500	Maitlen, J. (1985) Report of Residue Analysis: Metribuzin [- Carrots]: Rept. No. PCY 85-12. Unpublished study prepared by Yakima Agricultural Research Laboratory, U.S. Dept. of Agriculture. 20 p.	00162025		OLD	carrots
860.1500	Loeffler, W. (1987) Sencor--Magnitude of Residue on Corn: Laboratory Project ID: SE-3086-86: Sencor Objective No. 3086. Unpublished Mobay report 94739 prepared by Morse Laboratories, Inc. 93 p.	40277901	Bayer Corp Agriculture Division	OLD	corn
860.1500	Loeffler, W. (1987) Sencor--Magnitude of Residue on Seed Alfalfa: Laboratory Project ID: SE-3222-86: Sencor Objective No. 3222. Unpublished Mobay report 94745 prepared by Morse Laboratories, Inc. 57 p.	40277902	Bayer Corp Agriculture Division	OLD	alfalfa sainfoin
860.1500	Loeffler, W. (1987) Sencor--Magnitude of Residue on Dry Peas: Laboratory Project ID: SE-1523-86: Sencor Objective No. 1523. Unpublished Mobay report 94735 prepared by Morse Laboratories, Inc. 46 p.	40277903	Bayer Corp Agriculture Division	OLD	chickpeas peas lentils

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Loeffler, W. (1987) Sencor--Magnitude of Residue on Soybeans: Laboratory Project ID: SE-3745-86: Sencor Objective No. 3745. Unpublished Mobay report 94737 prepared by Morse Laboratories, Inc. 77 p.	40277904	Bayer Corp Agriculture Division	OLD	soybean
860.1500	Loeffler, W. (1987) Sencor--Magnitude of Residue on Wheat: Laboratory Project ID: SE-3052-85/86: Sencor Objective No. 3052. Unpublished Mobay report 94742 prepared by Morse Laboratories, Inc. 84 p.	40277905	Bayer Corp Agriculture Division	OLD	wheat
860.1500	Delk, J. (1987) Sencor - Magnitude of Residues on Wheat and Wheat Processing Products: Lab. Proj. ID. SE-3052-85/86. Unpublished Mobay Study 94743 prepared by Morse Laboratories, Inc. 25 p.	40367601	Bayer Corp Agriculture Division	OLD	wheat
860.1500	Calovich, C. (1987) Summary of Residue Data on Wheat - Potential for Secondary Residues in Animal Tissues and Products. Unpublished Mobay study 94744 prepared by Mobay Corp. and Morse Laboratories, Inc. 13 p.	40367604	Bayer Corp Agriculture Division	OLD	wheat
860.1500	Delk, J. (1987) Sencor - Magnitude of Residues on Corn and Corn Processing Products. Unpublished Mobay compilation 94740 prepared by Harris Laboratories, Inc. and Texas A & M Univ. System. 123p.	40367605	Bayer Corp Agriculture Division	OLD	corn
860.1500	Calovich, C. (1987) Summary of Residue Data on Corn - Potential for Secondary Residues in Animal Tissues and Products: Sencor: Laboratory Project ID: SE-3086-86. Unpublished study prepared by Morse Laboratories, Inc. 12 p.	40371701	Bayer Corp Agriculture Division	OLD	corn
860.1500	Anderson, L. (1988) SENCOR - Magnitude of Residue on Asparagus: Project ID. SE-1855-85. Unpublished study prepared by Morse Laboratories. 100 p.	40802701		OLD	asparagus
860.1500	Leslie, W. (1991) Metribuzin (75DF): Magnitude of the Residue on Field Corn: Lab Project Number: SE19C001: 101223. Unpublished study prepared by Mobay Corp. 284 p.	42206201	Bayer Corp Agriculture Division	OLD	corn
860.1500	Leslie, W. (1990) Metribuzin (75DF)--Magnitude of the Residue on Seed Grasses: Lab Project Number: 100320. Unpublished study prepared by Mobay Corp. 102 p	42556801	Bayer Corp Agriculture Division	OLD	grass grown for seed

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Burger, R. (1992) Metribuzin (75DF)-Magnitude of the Residue on Field Corn: Lab Project Number: 102613: 3820-91-0013-CR-004. Unpublished study prepared by Miles, Inc. and Ricerca, Inc. 98 p.	43341401	Bayer Corp Agriculture Division	OLD	corn
860.1500	Burger, R. (1992) Metribuzin (75DF)-Magnitude of the Residue on Field Corn: Lab Project Number: 102614: 3820-91-0013-CR-005. Unpublished study prepared by Miles, Inc. and Ricerca, Inc. 95 p.	43341402	Bayer Corp Agriculture Division	OLD	corn
860.1500	Harbin, A. (1999) Sencor 75 DF-Magnitude of the Residue in Potato: Lab Project Number: 107813: SE19PO01: SE19PO02. Unpublished study prepared by Bayer Corp., and Morse Laboratories, Inc. 1323 p. {OPPTS 860.1500}	44833202	Bayer Corp Agriculture Division	OLD	potato
860.1500	Harbin, A. (1999) Sencor 75 DF-Magnitude of the Residue in Sweet and Field Corn: Lab Project Number: 108064: SE19CO07: SE19CO08. Unpublished study prepared by Bayer Corp., and Morse Laboratories, Inc. 2530 p. {OPPTS 860.1500}	44833203	Bayer Corp Agriculture Division	OLD	corn
860.1500	Grace, T. (1999) Sencor 75DF and Sencor 4-Magnitude of the Residue in Alfalfa: Lab Project Number: SE19AL01: 108830: 852-SE009-96H. Unpublished study prepared by Bayer Corp., and Morse Laboratories, Inc. 2527 p. {OPPTS 860.1500}	44833204	Bayer Corp Agriculture Division	OLD	alfalfa
860.1500	Grace, T. (1999) Sencor 75DF-Magnitude of the Residue in Wheat Aspirated Grain Fractions and Wheat Processed Commodities: Lab Project Number: SEWH02: 108806: ML96-0660-BAY. Unpublished study prepared by Bayer Corp., and Morse Laboratories, Inc. 961 p. {OPPTS 860.1520, 860.1500}	44833205	Bayer Corp Agriculture Division	OLD	wheat
860.1500	Krolski, M.; Beedle, E. (1997) FOE 5043 60 DF--Magnitude of the Residue in Wheat: Lab Project Number: F319WH01: 107909. Unpublished study prepared by Bayer Corp. 748 p. {OPPTS 860.1500}	45012401		OLD	wheat
860.1500	Krolski, M. (1998) FOE 5043 60 DF--Magnitude of the Residues in Field Corn and Sweet Corn: Lab Project Number: F319CO06: 108136: 856-F3005-95H. Unpublished study prepared by Bayer Corp. 913 p.	45012405		OLD	corn

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Krolski, M. (1998) FOE 5043 60 DF--Magnitude of the Residues in Grasses Grown for Seed: Lab Project Number: F319SG01: F319SG02: 108827. Unpublished study prepared by Bayer Corp. 791 p. {OPPTS 860.1500}	45012406		OLD	grass grown for seed
860.1500	Krolski, M. (1998) FOE 5043 60 DF--Magnitude of the Residues in Field Corn and Sweet Corn After Postemergent Foliar Spray Application: Lab Project Number: 108260: F319CO04: F319CO07. Unpublished study prepared by Bayer Corp. 1092 p. {OPPTS 860.1500}	45012407		OLD	corn
860.1500	Magnitude of the Residue in Plants: soybeans	GS0181-003		OLD	soybean
860.1520	Thornton, J.S. (1974) Effect of Commercial Processing on Residues of Sencor in Potatoes: Report No. 42341. (Unpublished study received on unknown date under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:095987-B)	00036110		OLD	potato soybean
860.1520	Simmons, C.E.; Gronberg, R.R. (1974) The Fate of Carbon-14-Labeled Sencor in Potatoes Processed by Pan or French Frying: Report No. 42452. (Unpublished study received on unknown date under 5F1559; submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:095987-D)	00036112		OLD	potato soybean
860.1520	Chemagro Corporation (1974) Chemagro Division of Baychem Corporation Residue Experiment 661-Extra-73D: Report No. 41353. (Unpublished study including report nos. 41354, 41355, 41356..., received May 14, 1975 under 5F1628; prepared in cooperation with Cannon Laboratories; CDL:094425-C)	00036428		OLD	barley
860.1520	Mobay Chemical Corporation (1974) Raw Data and Chromatograms for the Analysis of Sencor and DADK in Barley Grain: Report No. 41237. Rev. (Unpublished study received May 14, 1975 under 5F1628; CDL:094424-D)	00036444		OLD	barley
860.1520	Mobay Chemical Corporation (1981) ^{(R)} Sencor Residue Chemistry on Various Crops: Addition No. 7. (Compilation; unpublished study received Dec 23, 1981 under 3125-277; CDL:246509-A)	00087926	Bayer Corp Agriculture Division	OLD	barley


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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Mobay Chemical Corp. (1973) Sencor: Metabolic, Analytical, and Residue Information for Sugarcane (Hawaii). (Compilation; unpublished study received Mar 30, 1973 under 4F1432; CDL: 093822-A; 093820)	00106168		OLD	sugarcane
860.1520	Mobay Chemical Corp. (1976) Addition No. 1 to Brochure Entitled: Sencor: Residue Chemistry on Tomatoes: Document No. AS76-549. (Compilation; unpublished study received May 6, 1976 under 6F1783; CDL:095907-A)	00106180		OLD	tomato
860.1520	Mobay Chemical Corp. (1978) Sencor Residue Chemistry on Various Crops: Addition No. 3 to Brochure Entitled: Sencor Analytical, Metabolic and Residue Information for Various Crops: Document No. AS78-1274. (Compilation; unpublished study received Jun 16, 1978 under 3125-277; CDL:097165-A)	00106185		OLD	alfalfa barley sainfoin wheat
860.1520	Chemagro Corp. (1975) ?Residues of Sencor in Sugarcane . (Compilation; unpublished study received Oct 8, 1975 under 4F1432; CDL:098168-F)	00106190		OLD	sugarcane
860.1520	Mobay Chemical Corp. (1976) Sencor: Residue Chemistry on Sugarcane: Addition No. 2 to Brochure Entitled: Sencor: Metabolic, Analytical and Residue Information for Sugarcane (Hawaii): Document No. AS76-1245. (Compilation; unpublished study received Sep 10, 1976 under 3125-277; CDL:226131-A)	00106202		OLD	sugarcane
860.1520	Mobay Chemical Corp. (1978) Sencor Residue Chemistry on Tomatoes: Addition No. 2, May 3, 1978, to Brochure Entitled: Sencor (Bay 94337) Metabolic, Analytical and Residue Information on Tomatoes (Dated Apr 25, 1972): Document No. AS78-2011. (Compilation; unpublished study received Oct 3, 1978 under 3125-314; CDL: 235319-A)	00106212		OLD	tomato
860.1520	Delk, J. (1987) Sencor - Magnitude of Residues on Corn and Corn Processing Products. Unpublished Mobay compilation 94740 prepared by Harris Laboratories, Inc. and Texas A & M Univ. System. 123p.	40367605	Bayer Corp Agriculture Division	OLD	corn
860.1520	Burger, R. (1994) Metribuzin (75DF): Magnitude of the Residue on Processed Corn Commodities: Lab Project Number: SE19C002:	43293201	Bayer Corp Agriculture Division	OLD	corn

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	3820/91/0013/CR/003. Unpublished study prepared by Miles Inc. The Texas A&M University System, Ricerca, Inc. 631 p.				
860.1520	Grace, T. (1995) Sencor 75DF--Magnitude of the Residue on Tomato Processed Products: Lab Project Number: 106626: SE19TO01: FCA-SE054-93P. Unpublished study prepared by Miles, Inc. and The National Food Lab. 1002 p.	43568701	Bayer Corp Agriculture Division	OLD	tomato
860.1520	Harbin, A. (1999) Sencor 75 DF-Magnitude of the Residue in Potato: Lab Project Number: 107813: SE19PO01: SE19PO02. Unpublished study prepared by Bayer Corp., and Morse Laboratories, Inc. 1323 p. {OPPTS 860.1500}	44833202	Bayer Corp Agriculture Division	OLD	potato
860.1520	Grace, T. (1999) Sencor 75DF-Magnitude of the Residue in Wheat Aspirated Grain Fractions and Wheat Processed Commodities: Lab Project Number: SEWH02: 108806: ML96-0660-BAY. Unpublished study prepared by Bayer Corp., and Morse Laboratories, Inc. 961 p. {OPPTS 860.1520, 860.1500}	44833205	Bayer Corp Agriculture Division	OLD	wheat
860.1520	Grace, T. (1998) Sencor 75DF-Magnitude of the Residue in Sugarcane Processed Products: Lab Project Number: SE19SU01: 107129: ML96-0610-BAY. Unpublished study prepared by Bayer Corp., and Morse Laboratories, Inc. 706 p. {OPPTS 860.1520}	44833206	Bayer Corp Agriculture Division	OLD	sugarcane
860.1520	Grace, T. (1995) Sencor 75DF-Magnitude of the Residue on Tomato Processed Products: Lab Project Number: SE19TO01: 106626: PR93313. Unpublished study prepared by The National Food Laboratory, and Miles, Inc. 1002 p.	44833207	Bayer Corp Agriculture Division	OLD	tomato
860.1520	Kroiski, M. (1997) FOE 5043 60 DF--Magnitude of the Residue in Wheat Processed Commodities and Aspirated Grain Fractions: Lab Project Number: 107840: F319WH02: 106406. Unpublished study prepared by Bayer Corp. 620 p. {OPPTS 860.1500, 860.1520}	45012408		OLD	wheat

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1850	Naidu, M. (1988) Metribuzin Confined Accumulation Study on Peanuts: Laboratory Project ID AMR-563-86. Unpublished study prepared by Research and Development Division, E. I. du Pont de Nemours and Company, Inc. 47 p.	40577701	E. I. Dupont De Nemours And Company	OLD	peanut
860.1850	Naidu, M. (1989) Metribuzin Confined Accumulation Study of Peanuts: Supplement No. 1: Laboratory Project ID AMR-563-86. Unpublished study prepared by E.I. du Pont de Nemours and Co., Inc. 16 p.	41254101	E. I. Dupont De Nemours And Company	OLD	peanut
860.1900	Harbin, A. (2004) Sencor 75 DF - Magnitude of the Residue in Field Rotational Crops Mustard Greens, Radishes, and Wheat. Project Number: SE19RC01, SE19RC02, SE19RC03. Unpublished study prepared by Bayer Corp., Morse Laboratories and Bayer Research Farm. 985 p.	46209001	Bayer Cropscience LP	OLD	Rotational: mustard greens, radishes, wheat
860.1900	Harbin, A. (2004) Sencor 75 DF - Magnitude of the Residue in Field Rotational Crops - Rice. Project Number: SE19RC04, 200346, ML00/0905/BAY. Unpublished study prepared by Bayer Corp, Morse Laboratories and Bayer Pesticide Research. 167 p.	46209002	Bayer Cropscience LP	OLD	Rotational: rice
870.1100	Joseph, S. (2003) Acute Oral Toxicity Study of Metribuzin in Rats. Project Number: 4190. Unpublished study prepared by Jai Research Foundation. 27 p.	46105406	UPL Na, Inc.	OLD	See endnote ³⁶
870.1200	Joseph, S. (2003) Acute Dermal Toxicity Study of Metribuzin in Rats. Project Number: 4191. Unpublished study prepared by Jai Research Foundation. 27 p.	46105407	UPL Na, Inc.	OLD	See endnote ³⁶
870.1300	Roy, B. (2003) Acute Inhalation Toxicity Study of Metribuzin in Rats. Project Number: 4243. Unpublished study prepared by Jai Research Foundation. 36 p.	46105408	UPL Na, Inc.	OLD	See endnote ³⁶
870.2400	Joseph, S. (2003) Acute Eye Irritation Study of Metribuzin in Rabbits. Project Number: 4193. Unpublished study prepared by Jai Research Foundation. 24 p.	46105409	UPL Na, Inc.	OLD	See endnote ³⁶
870.2500	Joseph, A. (2003) Acute Dermal Irritation Study of Metribuzin in Rabbits. Project Number: 4192. Unpublished study prepared by Jai Research Foundation. 22 p.	46105410	UPL Na, Inc.	OLD	See endnote ³⁶

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2600	Joseph, S. (2003) Skin Sensitization Study of Metribuzin in Guinea Pigs (Guinea Pig Maximization Test). Project Number: 4194. Unpublished study prepared by Jai Research Foundation. 40 p.	46105411	UPL Na, Inc.	OLD	See endnote ³⁶
870.3100	90-Day Oral: Rodent				Not available / See 870.4100 ³⁷
870.3150	Jones, R.; Hastings, T. (2002) Technical Grade Metribuzin (DIC 1468): A Subchronic Toxicity Feeding in the Beagle Dog: Lab Project Number: 00-S76-BK: 110933. Unpublished study prepared by Bayer Corp. 712 p. {OPPTS 870.3150}	45621001	Bayer Corp Agriculture Division	OLD	See endnote ³⁸
870.3200	Flucke, W.; Hartmann, E. (1989) DIC 1468 Technical Grade: (Common Name: Metribuzin): Subacute Dermal Toxicity Study in Rabbits: Lab Project Number: 99683: 18195: T 3029453. Unpublished study prepared by Bayer Ag. 220 p.	43970701	Bayer Corp Agriculture Division	OLD	See endnote ³⁹
870.3250	90-Day Dermal Toxicity				Not required ⁴⁰
870.3465	Thyssen, J. (1981) DIC 1468: (Sencor Active Ingredient): Subacute Inhalation Studies with Rats: Report No. 9679. Unpublished study prepared by Bayer AG, Institute of Toxicology. 126 p.	00153706		OLD	See endnote ⁴¹
870.3700	Unger, T.M.; Shellenberger, T.E. (1981) A Teratological Evaluation of Sencor [®] (R)I in Mated Female Rabbits: 80051. Final rept. (Unpublished study received Nov 23, 1981 under 3125-270; sub- mitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246397-B)	00087796		OLD	See endnote ⁴²
870.3700	Kowalski, R.; Clemens, G.; Bare, J.; et al. (1986) A Teratology Study with Sencor Technical (Metribuzin) in the Rat: 91330. Unpublished study prepared by Miles Laboratories, Inc. 212 p.	00163802		OLD	See endnote ⁴²
870.3700	Clemens, G.; Hartnagel, R. (1989) Teratology Study in the Rabbit with Sencor Technical (Metribuzin): Project ID 99654. Unpublished study prepared by Miles, Inc. 131 p.	41249201	Miles Laboratories, Inc.	OLD	See endnote ⁴²
870.3700	Clemens, G.; Hartnagel, R. (1991) Teratology Study in the Rabbit with Sencor Technical (Metribuzin): Supplement: Lab Project No. 99654-1: MTD0100. Unpublished study prepared by Miles Inc. 20 p.	41835501	Miles Laboratories, Inc.	OLD	See endnote ⁴²

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3800	Porter, M.; Jasty, V.; Hartnagel, R. (1988) A Two-Generation Reproduction Study in Rats with Sencor Technical (Metribuzin): Report No. 98295:MTD0080.Unpublished study prepared by Miles, Inc. 1025p.	40838401	Miles Laboratories, Inc.	OLD	See endnote ⁴³
870.4100	Christenson, W.; Wahle, B. (1993) Technical Grade Metribuzin (Sencor): A Combined Chronic Toxicity/Oncogenicity Feeding Toxicity Study in the Rat: Lab Project Number: 88-271-BM: 103970. Unpublished study prepared by Miles Inc. 4593 p.	42672501	Bayer Corp Agriculture Division	OLD	See endnote ⁴⁴
870.4200	Hayes, R.H.; Lamb, D.W.; Mallicoat, D.R.; et al. (1981) Metribuzin (^)(R) Sencor) Oncogenicity Study in Mice: 80050. (Unpublished study received Nov 23, 1981 under 3125-270; sub- mitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246397-A)	00087795		OLD	See endnote ⁴⁵
870.4200	Christenson, W.; Wahle, B. (1993) Technical Grade Metribuzin (Sencor): A Combined Chronic Toxicity/Oncogenicity Feeding Toxicity Study in the Rat: Lab Project Number: 88-271-BM: 103970. Unpublished study prepared by Miles Inc. 4593 p.	42672501	Bayer Corp Agriculture Division	OLD	See endnote ⁴⁵
870.5100	Inukai, H.; Iyatomi, A. (1977) Bay 94337: Mutagenicity Test on Bacterial Systems: Report No. 67; 54127. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Nitokuno Agri- cultural Chemicals Institute, Japan, submitted by Mobay Chemi- cal Corp., Kansas City, Mo.; CDL:246226-F)	00086770		OLD	See endnote ⁴⁶
870.5100	Shirasu, Y.; Moriya, M.; Ohta, T. (1978) Metribuzin Mutagenicity Test on Bacterial Systems: ?Submitter 66748. (Unpublished study received Jul 14, 1982 under 3125-270; prepared by Institute of Environmental Toxicology, Dept. of Toxicology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 247885-B)	00109254	Bayer Corp Agriculture Division	OLD	See endnote ⁴⁶
870.5300	Yang, L. (1986) CHO/HGPRT Mutation Assay in the Presence and Ab- sence of Exogenous Metabolic Activation: Test Article: Sencor Technical (Metribuzin): Final Report: MA Study No. T4485.332. Unpublished Mobay Report No. 91760 prepared by Microbiological Associates, Inc. 17 p.	00157527		OLD	See endnote ⁴⁷

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.5300	Murli, H. (1990) Mutagenicity Test on Sencor Technical in an In Vitro Cytogenetic Assay Measuring Chromosomal Aberration Frequencies in Chinese Hamster Ovary (CHO) Cells: Lab Project Number: 10857-0-437. Unpublished study prepared by Hazleton Labs America, Inc. 55 p.	41555102		OLD	See endnote ⁴⁷
870.5375	Yang, L. (1986) CHO/HGPRT Mutation Assay in the Presence and Absence of Exogenous Metabolic Activation: Test Article: Sencor Technical (Metribuzin): Final Report: MA Study No. T4485.332. Unpublished Mobay Report No. 91760 prepared by Microbiological Associates, Inc. 17 p.	00157527		OLD	See endnote ⁴⁷
870.5375	Murli, H. (1990) Mutagenicity Test on Sencor Technical in an In Vitro Cytogenetic Assay Measuring Chromosomal Aberration Frequencies in Chinese Hamster Ovary (CHO) Cells: Lab Project Number: 10857-0-437. Unpublished study prepared by Hazleton Labs America, Inc. 55 p.	41555102		OLD	See endnote ⁴⁷
870.5385	Machemer, L.; Lorke, D. (1974) Evaluation of the Mutagenic Potential of ¹⁴ C-Metribuzin in an in vivo Cytogenetic Study on Spermatogonia of Chinese Hamster: Report No. 4961; 43067. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-A)	00086765		OLD	See endnote ⁴⁸
870.5385	Machemer, L.; Lorke, D. (1975) ¹⁴ C-Metribuzin: Dominant Lethal Study on Male Mice To Test for Mutagenic Effects: Report No. 5523; 45023. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-C)	00086767		OLD	See endnote ⁴⁸
870.5385	Machemer, L.; Lorke, D. (1976) ¹⁴ C-Metribuzin: Additional Dominant Lethal Study on Male Mice To Test for Mutagenic Effects by an Improved Method: Report No. 6110; 49068. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-D)	00086768		OLD	See endnote ⁴⁸

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.5385	Inukai, H.; Iyatomi, A. (1977) Bay 94337: Mutagenicity Test on Bacterial Systems: Report No. 67; 54127. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Nitokuno Agri- cultural Chemicals Institute, Japan, submitted by Mobay Chemi- cal Corp., Kansas City, Mo.; CDL:246226-F)	00086770		OLD	See endnote ⁴⁸
870.5385	Shirasu, Y.; Moriya, M.; Ohta, T. (1978) Metribuzin Mutagenicity Test on Bacterial Systems: ?Submitter 66748. (Unpublished study received Jul 14, 1982 under 3125-270; prepared by Institute of Environmental Toxicology, Dept. of Toxicology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 247885-B)	00109254	Bayer Corp Agriculture Division	OLD	See endnote ⁴⁸
870.5385	Curren, R. (1986) Unscheduled DNA Synthesis in Rat Primary Hepatocytes: Test Article: Sencor Technical (Metribuzin): Final Re- port: MA Study No. T4485.380. Unpublished Mobay Report No. 91759 prepared by Microbiological Associates, Inc. 24 p.	00157526		OLD	See endnote ⁴⁸
870.5395	Machemer, L.; Lorke, D. (1974) Evaluation of the Mutagenic Potential of ³ H-Metribuzin in an ^{in vivo} Cytogenetic Study on Spermatogonia of Chinese Hamster: Report No. 4961; 43067. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-A)	00086765		OLD	See endnote ⁴⁸
870.5395	Machemer, L.; Lorke, D. (1975) ³ H-Metribuzin: Dominant Lethal Study on Male Mice To Test for Mutagenic Effects: Report No. 5523; 45023. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-C)	00086767		OLD	See endnote ⁴⁸
870.5395	Machemer, L.; Lorke, D. (1976) ³ H-Metribuzin: Additional Dominant Lethal Study on Male Mice To Test for Mutagenic Effects by an Improved Method: Report No. 6110; 49068. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-D)	00086768		OLD	See endnote ⁴⁸

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.5395	Inukai, H.; Iyatomi, A. (1977) Bay 94337: Mutagenicity Test on Bacterial Systems: Report No. 67; 54127. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Nitokuno Agri- cultural Chemicals Institute, Japan, submitted by Mobay Chemi- cal Corp., Kansas City, Mo.; CDL:246226-F)	00086770		OLD	See endnote ⁴⁸
870.5395	Shirasu, Y.; Moriya, M.; Ohta, T. (1978) Metribuzin Mutagenicity Test on Bacterial Systems: ?Submitter 66748. (Unpublished study received Jul 14, 1982 under 3125-270; prepared by Institute of Environmental Toxicology, Dept. of Toxicology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 247885-B)	00109254	Bayer Corp Agriculture Division	OLD	See endnote ⁴⁸
870.5395	Curren, R. (1986) Unscheduled DNA Synthesis in Rat Primary Hepatocytes: Test Article: Sencor Technical (Metribuzin): Final Re- port: MA Study No. T4485.380. Unpublished Mobay Report No. 91759 prepared by Microbiological Associates, Inc. 24 p.	00157526		OLD	See endnote ⁴⁸
870.5450	Machemer, L.; Lorke, D. (1974) Evaluation of the Mutagenic Potential of ³ H-Metribuzin in an ^{in vivo} Cytogenetic Study on Spermatogonia of Chinese Hamster: Report No. 4961; 43067. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-A)	00086765		OLD	See endnote ⁴⁸
870.5450	Machemer, L.; Lorke, D. (1975) ³ H-Metribuzin: Dominant Lethal Study on Male Mice To Test for Mutagenic Effects: Report No. 5523; 45023. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-C)	00086767		OLD	See endnote ⁴⁸
870.5450	Machemer, L.; Lorke, D. (1976) ³ H-Metribuzin: Additional Dominant Lethal Study on Male Mice To Test for Mutagenic Effects by an Improved Method: Report No. 6110; 49068. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-D)	00086768		OLD	See endnote ⁴⁸

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
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870.5450	Inukai, H.; Iyatomi, A. (1977) Bay 94337: Mutagenicity Test on Bacterial Systems: Report No. 67; 54127. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Nitokuno Agri- cultural Chemicals Institute, Japan, submitted by Mobay Chemi- cal Corp., Kansas City, Mo.; CDL:246226-F)	00086770		OLD	See endnote ⁴⁸
870.5450	Shirasu, Y.; Moriya, M.; Ohta, T. (1978) Metribuzin Mutagenicity Test on Bacterial Systems: ?Submitter 66748. (Unpublished study received Jul 14, 1982 under 3125-270; prepared by Institute of Environmental Toxicology, Dept. of Toxicology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 247885-B)	00109254	Bayer Corp Agriculture Division	OLD	See endnote ⁴⁸
870.5450	Curren, R. (1986) Unscheduled DNA Synthesis in Rat Primary Hepatocytes: Test Article: Sencor Technical (Metribuzin): Final Re- port: MA Study No. T4485.380. Unpublished Mobay Report No. 91759 prepared by Microbiological Associates, Inc. 24 p.	00157526		OLD	See endnote ⁴⁸
870.5550	Machemer, L.; Lorke, D. (1974) Evaluation of the Mutagenic Potential of ³ H-Metribuzin in an ^{in vivo} Cytogenetic Study on Spermatogonia of Chinese Hamster: Report No. 4961; 43067. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-A)	00086765		OLD	See endnote ⁴⁸
870.5550	Machemer, L.; Lorke, D. (1975) ³ H-Metribuzin: Dominant Lethal Study on Male Mice To Test for Mutagenic Effects: Report No. 5523; 45023. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-C)	00086767		OLD	See endnote ⁴⁸
870.5550	Machemer, L.; Lorke, D. (1976) ³ H-Metribuzin: Additional Dominant Lethal Study on Male Mice To Test for Mutagenic Effects by an Improved Method: Report No. 6110; 49068. (Unpublished study received Nov 3, 1981 under 3125-270; prepared by Bayer AG, West Germany, submitted by Mobay Chemical Corp., Kansas City, Mo.; CDL:246226-D)	00086768		OLD	See endnote ⁴⁸

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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870.5550	Shirasu, Y.; Moriya, M.; Ohta, T. (1978) Metribuzin Mutagenicity Test on Bacterial Systems: ?Submitter 66748. (Unpublished study received Jul 14, 1982 under 3125-270; prepared by Institute of Environmental Toxicology, Dept. of Toxicology, submitted by Mobay Chemical Corp., Kansas City, MO; CDL: 247885-B)	00109254	Bayer Corp Agriculture Division	OLD	See endnote ⁴⁸
870.5550	Curren, R. (1986) Unscheduled DNA Synthesis in Rat Primary Hepatocytes: Test Article: Sencor Technical (Metribuzin): Final Re- port: MA Study No. T4485.380. Unpublished Mobay Report No. 91759 prepared by Microbiological Associates, Inc. 24 p.	00157526		OLD	See endnote ⁴⁸
870.6100	Delayed Neurotoxicity – Hen				Not Required ⁴⁹
870.6200	Sheets, L.; Hamilton, B. (1999) An Acute Oral Neurotoxicity Screening Study with Technical Grade Metribuzin, Sencor, in Fischer 344 Rats: Lab Project Number: 96-412-KP: 108660: 8805. Unpublished study prepared by Bayer Corporation. 509 p.	44804101	Bayer Corp Agriculture Division	OLD	See endnote ⁵⁰
870.6200	Sheets, L.; Gilmore, R. (1999) A Subchronic Dietary Neurotoxicity Screening Study with Technical Grade Metribuzin, Sencor, in Fischer 344 Rats: Lab Project Number: 97-472-KU: 108661: 8806. Unpublished study prepared by Bayer Corporation. 468 p.	44804102	Bayer Corp Agriculture Division	OLD	See endnote ⁵¹
870.6300	Developmental Neurotoxicity Study				Not Required ⁵²
870.7200	Companion Animal Safety				Not Required
870.7485	Cain, K.; Hanlon, C.; Lane, J. (1987) The Excretion and Metabolism of Sencor by Rats: Lab Project ID: Mobay No. 94605. Unpublished study prepared by Mobay Corp. 62 p.	40255503	Bayer Corp Agriculture Division	OLD	See endnote ⁵³

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.7600	Blanck, M. (2008) Metribuzin SC 600: [Carbon 14]-Metribuzin Comparative in vitro Dermal Absorption Study Using Human and Rat Skin. Project Number: SA/08175, M/311857/01/1. Unpublished study prepared by Bayer CropScience. 80p.	50201602		PER	See endnote ⁵⁴
870.7800	Sheets, L. (2013) Metribuzin: Waiver Request of the Data Requirement for an Immunotoxicity Study. Project Number: US0318. Unpublished study prepared by Bayer CropScience LP. 9p.	49234802	Bayer CropScience LP	PER	Waived ⁵⁵
875.1100	Dermal Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ⁵⁶
875.1200	Dermal Exposure - Indoor				Not Required
875.1300	Inhalation Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ⁵⁶
875.1400	Inhalation Exposure - Indoor				Not Required
875.1500	Biological Monitoring		Agricultural Handler Exposure TF	OWN	See endnote ⁵⁶
875.1600	Data Reporting and Calculations		Agricultural Handler Exposure TF	OWN	See endnote ⁵⁶
875.1700	Product Use Information		Agricultural Handler Exposure TF	OWN	See endnote ⁵⁶
875.2100	Stuke, S.; van Berkum, S.; Daniels, M. (2018) Determination of the Dislodgeable Foliar Residues (DFR) of Metribuzin on Potato after Spray Application of Metribuzin SC 600 in Germany: Final Report. Project Number: 17/2903, RASE0004, 17/2903/01. Unpublished study prepared by Bayer CropScience AG. 44p.	50844101		PAY	potato
875.2200	Soil Residue Dissipation		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷
875.2400	Dermal Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷
875.2500	Inhalation Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷
875.2600	Biological Monitoring		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2700	Product Use Information		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷
875.2800	Descriptions of Human Activity		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷
875.2900	Data Reporting and Calculations		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷
875.3000	Nondietary Ingestion Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁷
890.1100	Amphibian Metamorphosis (Rat)				Not Required ⁵⁸
890.1150	Rouquie, D. (2011) (Endocrine Disruptor Screening Program): Evaluation of Metribuzin in the Androgen Receptor Binding Assay. Project Number: M/418468/01/1/OCR SA/11191 LYNX/PSI/N/TXSEX036. Unpublished study prepared by Bayer CropScience. 134p.	48617905	Bayer CropScience LP	PER	See endnote ⁵⁹
890.1200	Tinwell, H. (2011) (Endocrine Disruptor Screening Program): Evaluation of Metribuzin in the Aromatase Assay. Project Number: M/417742/01/1/OCR SA/11062 LYNX/PSI/N/TXSEX037. Unpublished study prepared by Bayer CropScience. 96p.	48617901	Bayer CropScience LP	PER	See endnote ⁶⁰
890.1250	Rouquie, D. (2011) (Endocrine Disruptor Screening Program): Evaluation of Metribuzin in the Estrogen Receptor Binding Assay. Project Number: M/418673/01/1/OCR SA/11213 LYNX/PSI/N/TXSEX038. Unpublished study prepared by Bayer CropScience. 145p.	48617902	Bayer CropScience LP	PER	See endnote ⁶¹
890.1300	Blanck, O. (2011) (Endocrine Disruptor Screening Program): Metribuzin: Evaluation in the in vitro (HeLa-9903) Estrogen Receptor Transcriptional Activation Assay. Project Number: M/416262/01/1/OCR SA/11157 LYNX/PSI/N/TXSEX039. Unpublished study prepared by Bayer CropScience. 88p.	48617903	Bayer CropScience LP	PER	See endnote ⁶²

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Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way Suite 100, Cary NC 27513		Product ARG METRIBUZIN TECHNICAL			
Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
890.1350	Bomke, C.; Braune, M.; Bruns, E. (2012) Short-Term Reproduction Assay with Fathead Minnow (<i>Pimephales promelas</i>) Exposed to Metribuzin Technical Under Flow-Through Conditions. Project Number: M/426609/01/1, EBSEY003, E/286/4244/0/OCR. Unpublished study prepared by Bayer CropScience. 215p.	48672202		PER	See endnote ⁶³
890.1400	Totis, M. (2011) (Endocrine Disruptor Screening Program): Metribuzin - Evaluation in the Hershberger Bioassay. Project Number: M/417700/01/1/OCR SA/10342 LYNX/PSI/N/TXSEX034. Unpublished study prepared by Bayer CropScience. 158p.	48617904	Bayer CropScience LP	PER	See endnote ⁶⁴
890.1450	Blanck, M. (2011) Metribuzin: Assessment of Pubertal Development and Thyroid Function in Juvenile/Peripubertal Male and Female Rats. Project Number: M/421281/01/1, SA/10341, LYNX/PSI/N/TXSEX033/OCR. Unpublished study prepared by Bayer CropScience. 338p.	48672203		PER	See endnote ⁶⁵
890.1500	Blanck, M. (2011) Metribuzin: Assessment of Pubertal Development and Thyroid Function in Juvenile/Peripubertal Male and Female Rats. Project Number: M/421281/01/1, SA/10341, LYNX/PSI/N/TXSEX033/OCR. Unpublished study prepared by Bayer CropScience. 338p.	48672203		PER	See endnote ⁶⁶
890.1550	Tinwell, H. (2011) (Endocrine Disruptor Screening Program): Evaluation of Metribuzin in the H295R Steroidogenesis Assay. Project Number: M/419375/01/1/OCR SA/11268. Unpublished study prepared by Bayer CropScience. 222p.	48617906	Bayer CropScience LP	PER	See endnote ⁶⁷
890.1600	Totis, M. (2011) (Endocrine Disruptor Screening Program): Metribuzin - Evaluation in the Immature Rat Uterotrophic Assay. Project Number: M/417703/01/1/OCR SA/10345 LYNX/PSI/N/TXSEX035. Unpublished study prepared by Bayer CropScience. 101p.	48617907	Bayer CropScience LP	PER	See endnote ⁶⁸
201-1	Droplet Size Spectrum		Spray Drift Task Force	OWN	See endnote ⁶⁹
202-1	Droplet Size Spectrum		Spray Drift Task Force	OWN	See endnote ⁶⁹

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status
				Note

Data Matrix Endnotes for ARG Metribuzin Technical

Note #	Guidelines	Endnote
1	830.1650	Per OPPTS 830.1000, these data are not required for the registration of a technical product. See 830.1620 for production information.
2	830.6313	Argite, LLC will not be packaging ARG Metribuzin Technical in metal containers, and is it not expected that ARG Metribuzin Technical will come in contact with metals or metal ions during its storage. ARG Metribuzin Technical is stable at normal and elevated temperatures (MRID 50620105 of this submission). Argite, LLC requested a waiver from the stability to metal and metal ion part of this data requirement. EPA accepted this waiver request.
3	830.6315	Argite, LLC requested a waiver from the requirement of this data requirement since ARG Metribuzin Technical is a solid and does not contain flammable components. EPA accepted this waiver request.
4	830.6316	Argite, LLC requested a waiver from this data requirement because metribuzin does not have the chemical bonds or functional groups associated with explosive chemicals. EPA accepted this waiver request.
5	830.6319	This data requirement is required when the product is an emulsifiable liquid and is diluted with petroleum solvents. ARG Metribuzin Technical is not an emulsifiable liquid to be diluted with petroleum solvents and therefore this data requirement is not applicable.
6	830.6321	These data are not required for a technical grade product.
7	830.7100	These data are required when the product is a liquid. ARG Metribuzin Technical is a solid and these data are not required.
8	830.7220	This data requirement is not applicable to ARG Metribuzin Technical because it is a solid.

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter
			Status
			Note

Note #	Guidelines	Endnote
9	830.7520	Argite, LLC requested a waiver for this data requirement for ARG Metribuzin Technical because the product is not a fibrous material and is not water insoluble. EPA accepted this waiver request.
10	835.1230	The studies cited are acceptable and satisfy the data requirement as per the Ecological Risk Assessment and the Problem Formulation.
11	835.2120	The study cited is acceptable and satisfies the data requirement as per the Ecological Risk Assessment and the Problem Formulation.
12	835.2240	The study cited is acceptable and satisfies the data requirement as per the Ecological Risk Assessment and the Problem Formulation.
13	835.2410	The study cited is acceptable and satisfies the data requirement as per the Ecological Risk Assessment and the Problem Formulation.
14	835.4100	The study cited is acceptable and satisfies the data requirement as per the Ecological Risk Assessment and the Problem Formulation.
15	835.4200	The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation.
16	835.4300	The study cited is listed in the Ecological Risk Assessment and appears to have been submitted in response to the GDCI for this data requirement.
17	835.4400	The study cited is listed in the Ecological Risk Assessment and appears to have been submitted in response to the GDCI for this data requirement.

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter
			Status
			Note

Note #	Guidelines	Endnote
18	835.6100	The study cited is supplemental as per the Problem Formulation, however a prospective ground water accounted for leaching that was not accounted for in the cited study. A new terrestrial field dissipation study was not required. Additional invalid data are not cited.
19	835.7100	The study cited is listed in the Problem Formulation and no additional data have been required.
20	850.1010	The studies cited are acceptable or supplemental but satisfy the data requirement as per the Ecological Risk Assessment.
21	850.1025 850.1035 850.1045 850.1055 850.1075	The studies cited are acceptable or supplemental but satisfy the data requirement as per the Ecological Risk Assessment. Note: MRID No. 47023011 listed in the Ecological Risk Assessment does not appear to correspond to a valid MRID No. so it has not been cited; MRID No. 00161502 has been cited instead which appears to correspond to the correct study.
22	850.1075	The studies cited are acceptable or supplemental but satisfy the data requirement as per the Ecological Risk Assessment.
23	850.1300	The studies cited are acceptable or supplemental but satisfy the data requirement as per the Ecological Risk Assessment.
24	850.1350	The Sept. 24, 2012 Registration Review: Preliminary Problem Formulation for Environmental Fate and Ecological Risk, Endangered Species, and Drinking Water Assessments for Metribuzin (DP Barcode D401027) (Problem Formulation) stated these data are not required for metribuzin and the registration use patterns.
25	850.1400	The study cited is supplemental as per the Ecological Risk Assessment, but no additional data have been submitted nor required; therefore, these data appear to satisfy the data requirement.
26	850.1400	The Problem Formulation stated these data are not required for metribuzin and the registration use patterns.

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Ingredient(s) Metribuzin (CAS No. 21087-64-9, Chemical Code 101101)			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter
			Status
			Note

Note #	Guidelines	Endnote
27	850.1710 850.1730 850.1850	The Problem Formulation stated these data are not required based on the Log Kow.
28	850.2100	The studies cited are acceptable or supplemental but satisfy the data requirement as per the Jun. 29, 2017 Registration Review Ecological Risk Assessment of the Environmental Fate and Ecological Risk of Metribuzin (DP Barcode 432009) (Ecological Risk Assessment).
29	850.2200	The studies cited are acceptable and satisfy the data requirement as per the Ecological Risk Assessment.
30	850.2300	The studies cited are acceptable and satisfy the data requirement as per the Ecological Risk Assessment.
31	850.3020	The study cited is acceptable and satisfies the data requirement as per the Ecological Risk Assessment.
32	850.4100 (Tiers 1 & 2)	The studies cited are acceptable and satisfy the data requirement as per the Ecological Risk Assessment and the Problem Formulation. Additional supplemental data are not cited as there was no data gap listed as per the Problem Formulation nor were the data required in the Jun. 5, 2013 Generic Data Call-In for Metribuzin (GDCI-101101-1304) (GDCI).
33	850.4150 (Tiers 1 & 2)	The study cited is acceptable and satisfies the data requirement as per the Ecological Risk Assessment and the Problem Formulation. Additional supplemental data are not cited as there was no data gap listed as per the Problem Formulation nor were the data required in the GDCI.
34	850.4400 850.4500 (Tiers 1 & 2)	The studies cited are acceptable or supplemental but satisfy the data requirement as per the Ecological Risk Assessment and the Problem Formulation.
35	850.6100	These data were required as per the GDCI. The studies cited appear to have been submitted to satisfy this data gap.

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			Status
			Note

Note #	Guidelines	Endnote
36	870.1100 870.1200 870.1300 870.2400 870.2500 870.2600	The study cited is acceptable and satisfies the data requirement as per the Jun. 27, 2017 Metribuzin Draft Risk Assessment for Registration Review (DP Barcode D432005) (Draft Human Health Risk Assessment).
37	870.3100	As per the Draft Human Health Risk Assessment, an acceptable study is not available, but the data requirement has been satisfied by guideline 870.4100. Refer to the data cited under guideline 870.4100.
38	870.3150	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.
39	870.3200	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.
40	870.3250	These data are not required as per the Draft Human Health Risk Assessment.
41	870.3465	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.
42	870.3700	The studies cited are acceptable and satisfy the data requirement as per the Draft Human Health Risk Assessment. Although MRID 41881801 is listed in the Draft Human Health Risk Assessment, it is not cited as it appears to correspond to a different active ingredient and for a different data requirement.
43	870.3800	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.

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			Status
			Note

Note #	Guidelines	Endnote
44	870.4100	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment. Additional unacceptable data are not cited. Chronic dog data are not required as per the 2007 changes to 40 CFR Part 158.
45	870.4200	The studies cited are acceptable and satisfy the data requirement as per the Draft Human Health Risk Assessment. Additional unacceptable data are not cited.
46	870.5100	The studies cited are acceptable and satisfy the data requirement as per the Draft Human Health Risk Assessment.
47	870.5300 870.5375	The studies cited are acceptable and satisfy the data requirement as per the Draft Human Health Risk Assessment. Note: An invalid MRID No. is referenced in the Draft Human Health Risk Assessment (42555102), however the correct reference is cited here.
48	870.5385 870.5395 870.5450 870.5550	The studies cited are acceptable and satisfy the data requirement as per the Draft Human Health Risk Assessment.
49	870.6100	These data are not required as per the Draft Human Health Risk Assessment.
50	870.6200	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.
51	870.6200	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.
52	870.6300	These data are not required as per the Draft Human Health Risk Assessment.

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Note #	Guidelines	Endnote
53	870.7485	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.
54	870.7600	The study cited is acceptable and satisfies the data requirement as per the Draft Human Health Risk Assessment.
55	870.7800	As per the Draft Human Health Risk Assessment, a data waiver was granted by HASPOC for the immunotoxicity study (TXR 0056928; Rury, 2014).
56	875.1100 875.1300 875.1500 875.1600 875.1700	Argite, LLC is a member in good standing of the Agricultural Handler Exposure Task Force (AHETF).
57	875.2200 875.2300 875.2400 875.2500 875.2600 875.2700 875.2800 875.2900 875.3000	Argite, LLC is a member in good standing of the Agricultural Reentry Task Force (ARTF) and the Outdoor Residential Exposure Task Force (ORETF).

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Note #	Guidelines	Endnote
58	890.1100	As per the Jun. 29, 2015 Metribuzin Data Evaluation Records (DERs) for EDSP Tier 1 Assays (DP Barcode: D398559, D401219) (EDSP DERs), these data are not applicable as the requirement was satisfied by other scientifically relevant information.
59	890.1150	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
60	890.1200	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
61	890.1250	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
62	890.1300	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
63	890.1350	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
64	890.1400	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
65	890.1450	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
66	890.1500	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
67	890.1550	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
68	890.1600	The study cited is acceptable and satisfies the data requirement as per the EDSP DERs.
69	201-1 202-1	Argite, LLC is a member in good standing of the Spray Drift Task Force (SDTF).

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